

FIG. 1

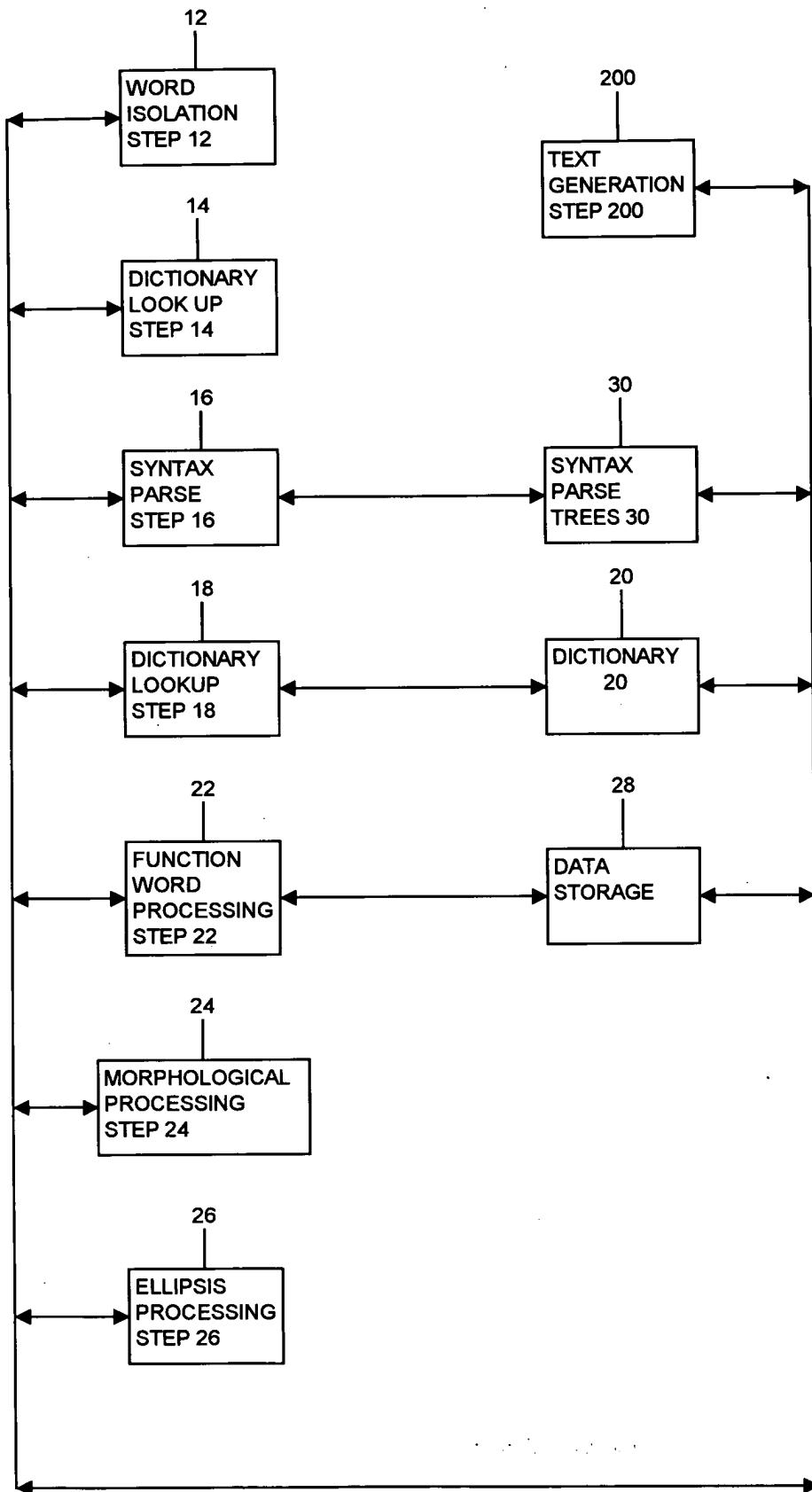


FIG. 2

TEXT OF WORD	REPRESENTATION NUMBER	SYNTAX WORDSETS	STATE/ FUNCTION ADDRESSES	ANOMALIES	POINTERS TO COMMON TABLES
Text word	Number used to represent the text word	Set of wordsets associated with the text word. Each wordset has its part of speech and a pointer to a set of pointers to phrases started with the text word word with or without ellipsis stored in a common table	Associated with each wordset is a set of word sense numbers or an address to the function word process with an associated function code	Partitioned by wordset; each entry has: type of anomaly, criteria for selecting the anomaly, an address of of a replacement process and/or a replacement data structure	Addresses of common tables associated with a wordset

FIG. 3A

ENTRY NUMBER	STATE REPRESENTATION ADDRESS	SET OF BASE WORD ENTRIES
Word sense number	Address of data structure of the word sense number	Dictionary 20 base word entries implying the word sense number

FIG. 3B

000213200 "0022700

TEXT OF AFFIX OR INFLECTION	REPRESENTATION NUMBER
Text	Affix code or inflection code

FIG. 3C

03621520 092200

AFFIX CODE	AFFIX DEFINITION	INFLECTION CODE	INFLECTION DEFINITION
Number	Address descriptor, a set of morphological codes, or the part of speech of the wordset	Number	Inflection function code

FIG. 3D

SOURCE PART OF SPEECH	SET OF DESTINATION PARTS OF SPEECH	AFFIXES
Part of speech	One or more destination parts of speech reached with associated affixes added to the source part of speech	Set of affix definition pointers associated with a destination part of speech

FIG. 3E

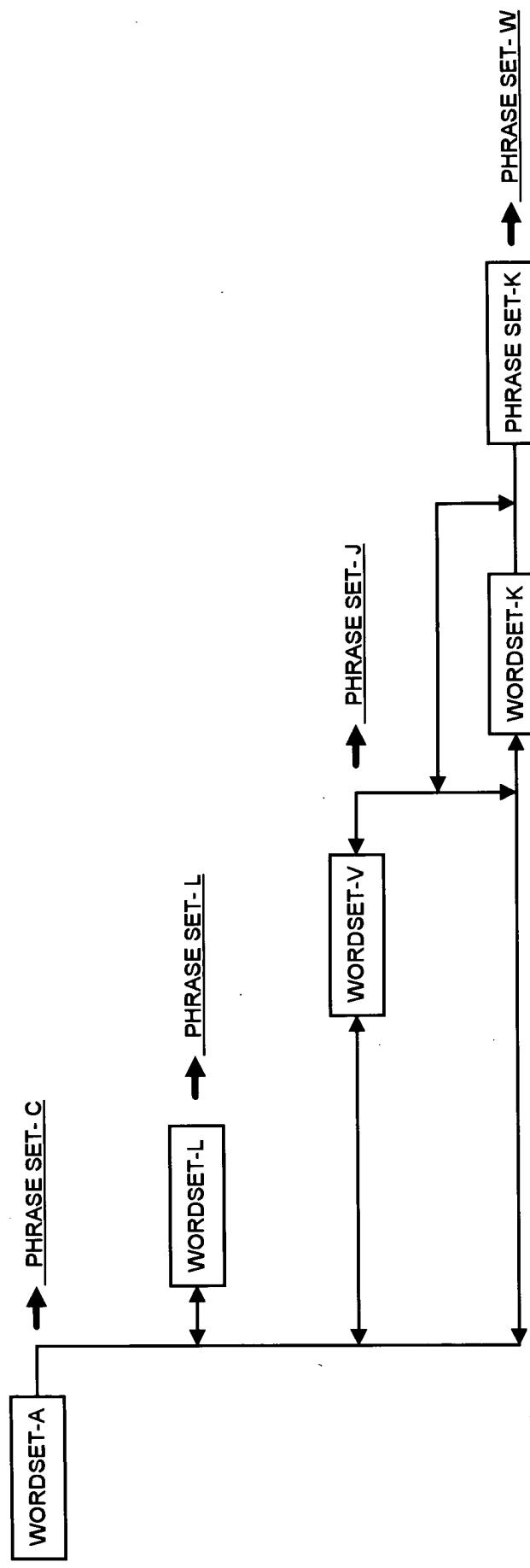


FIG. 4A

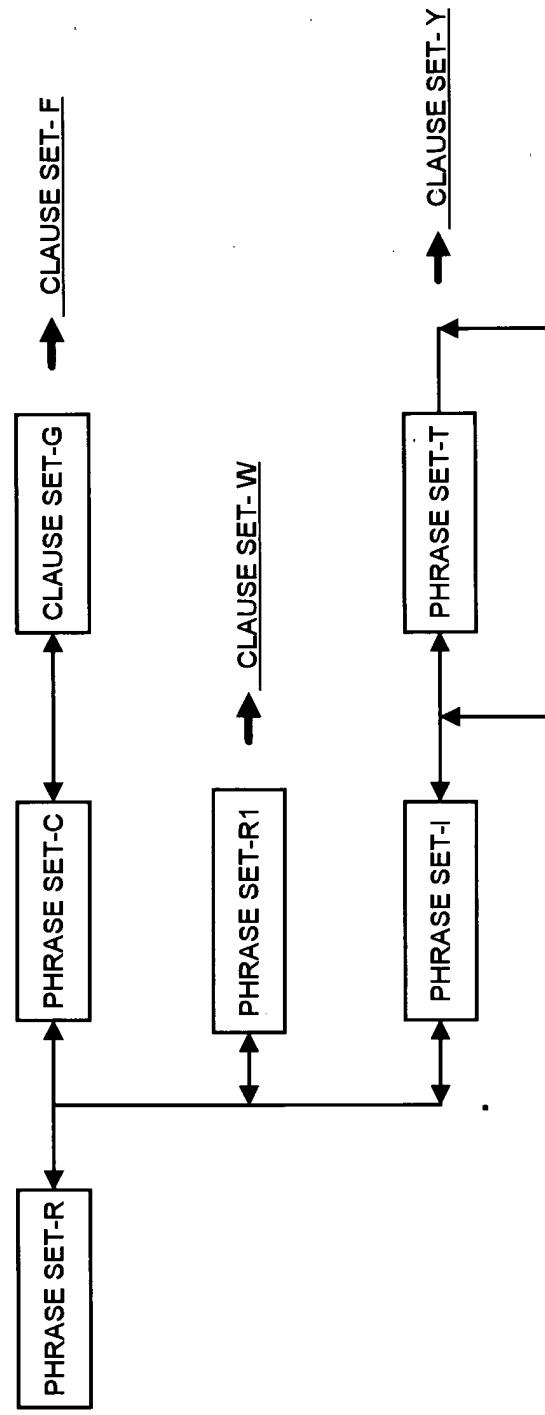
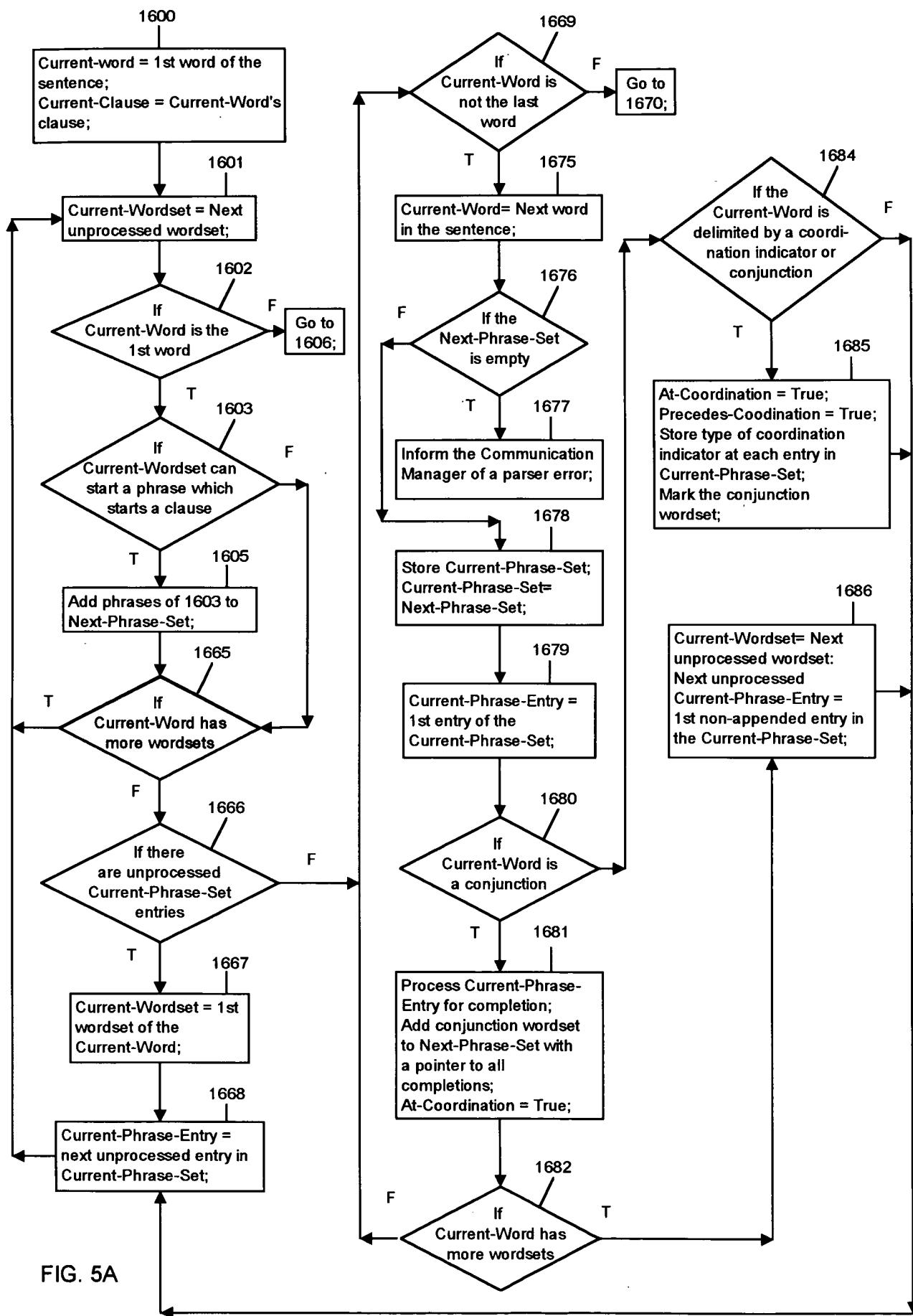


FIG. 4B



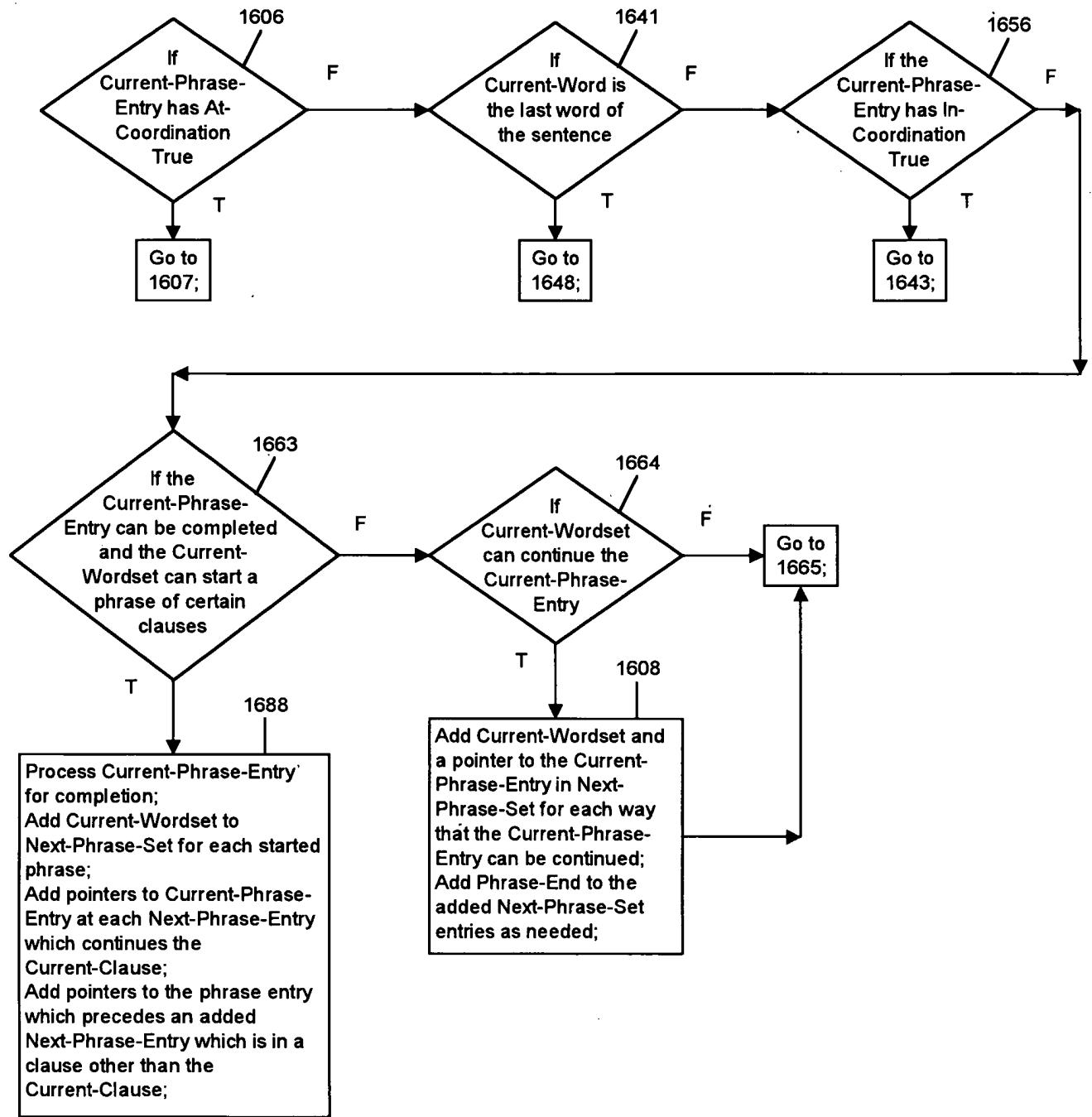


FIG. 5B

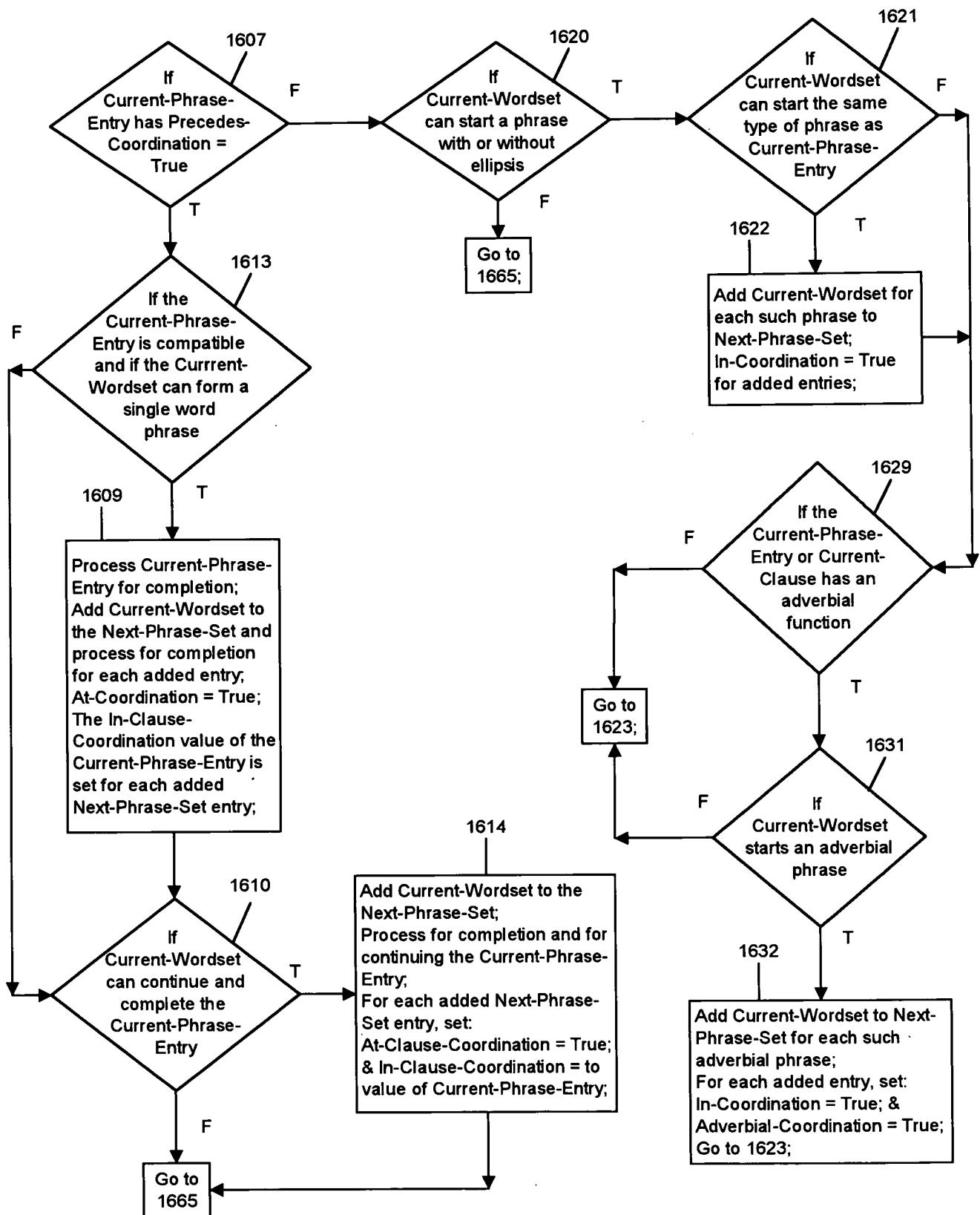


FIG. 5C

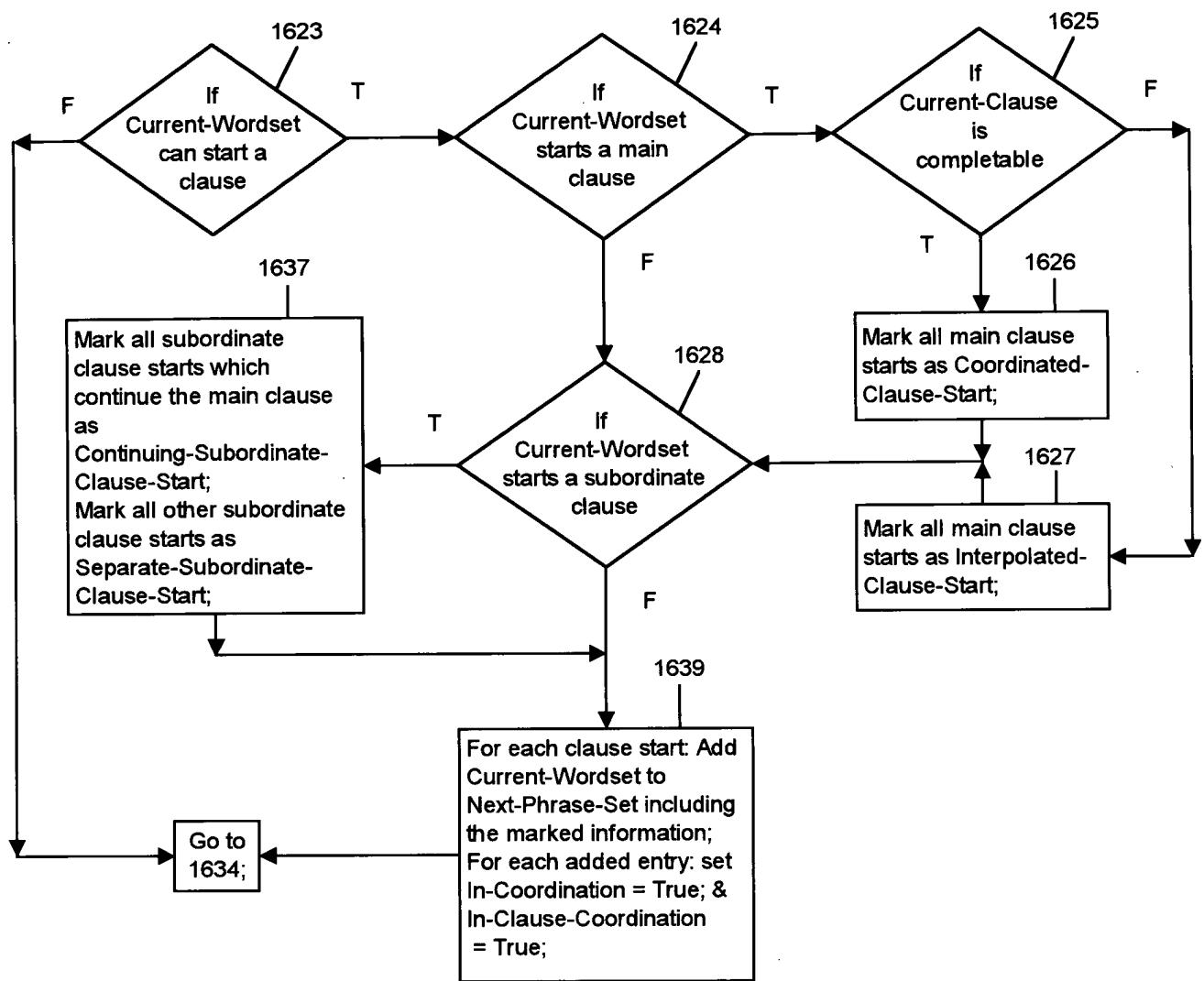


FIG. 5D

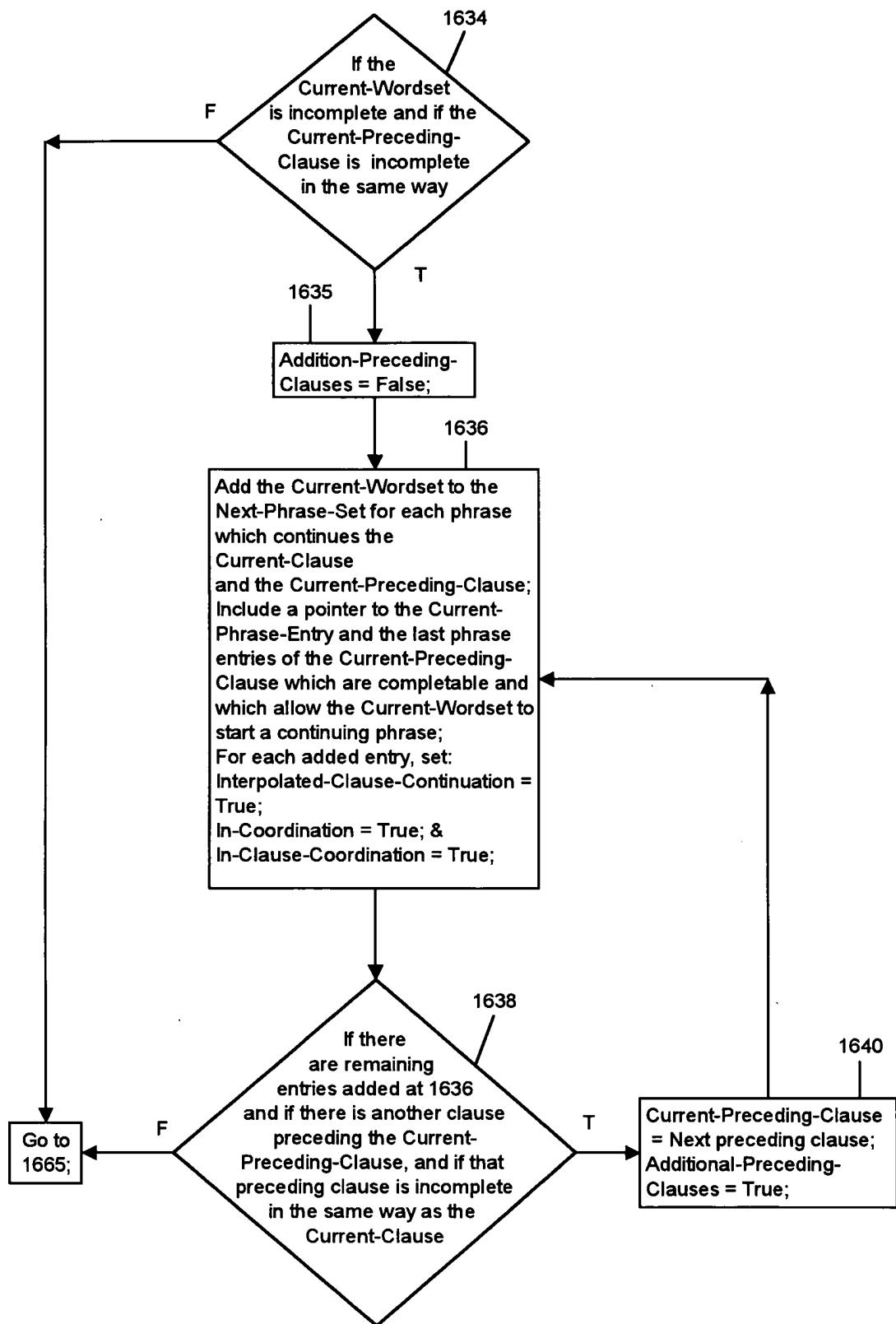


FIG.5E

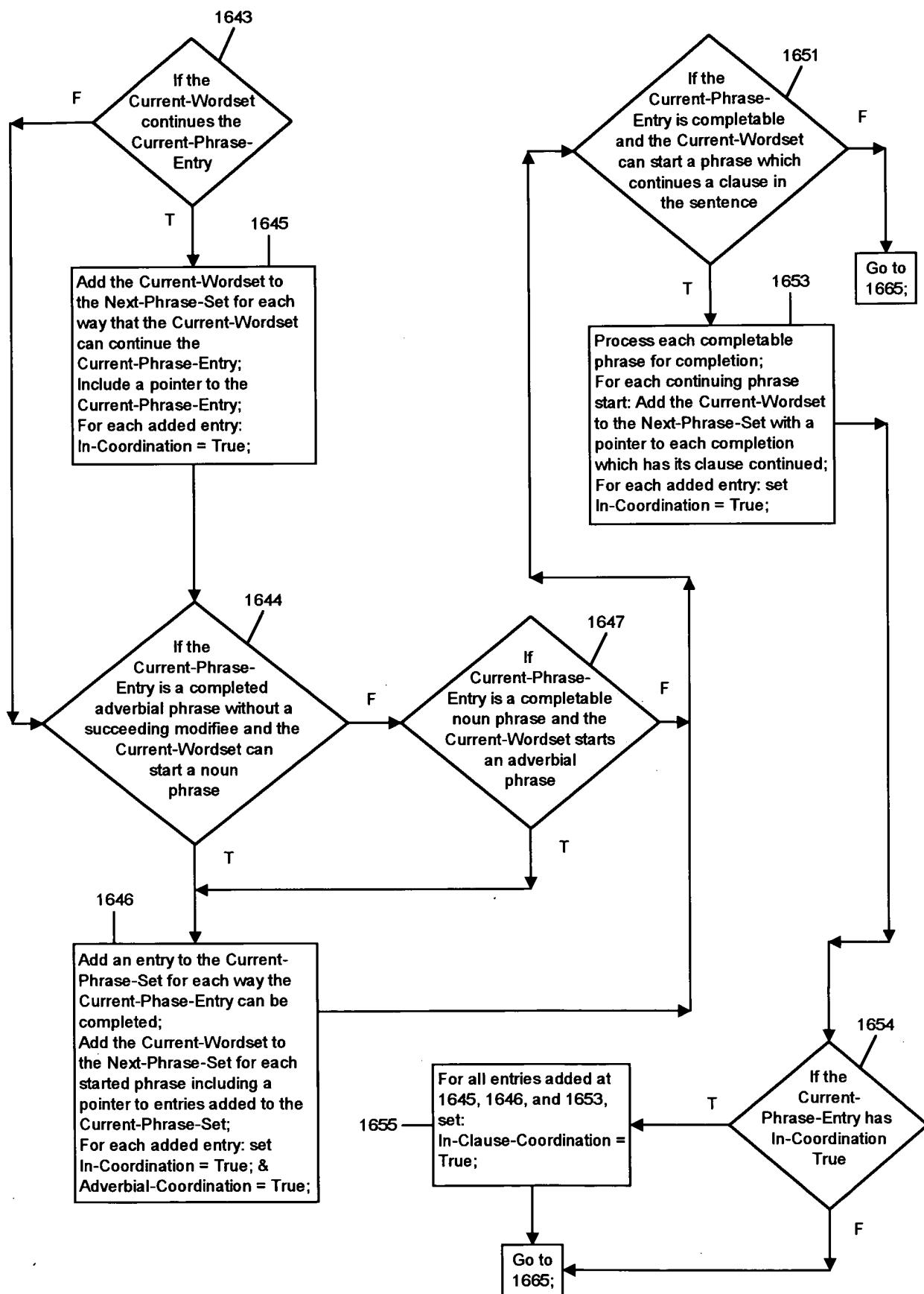


FIG. 5F

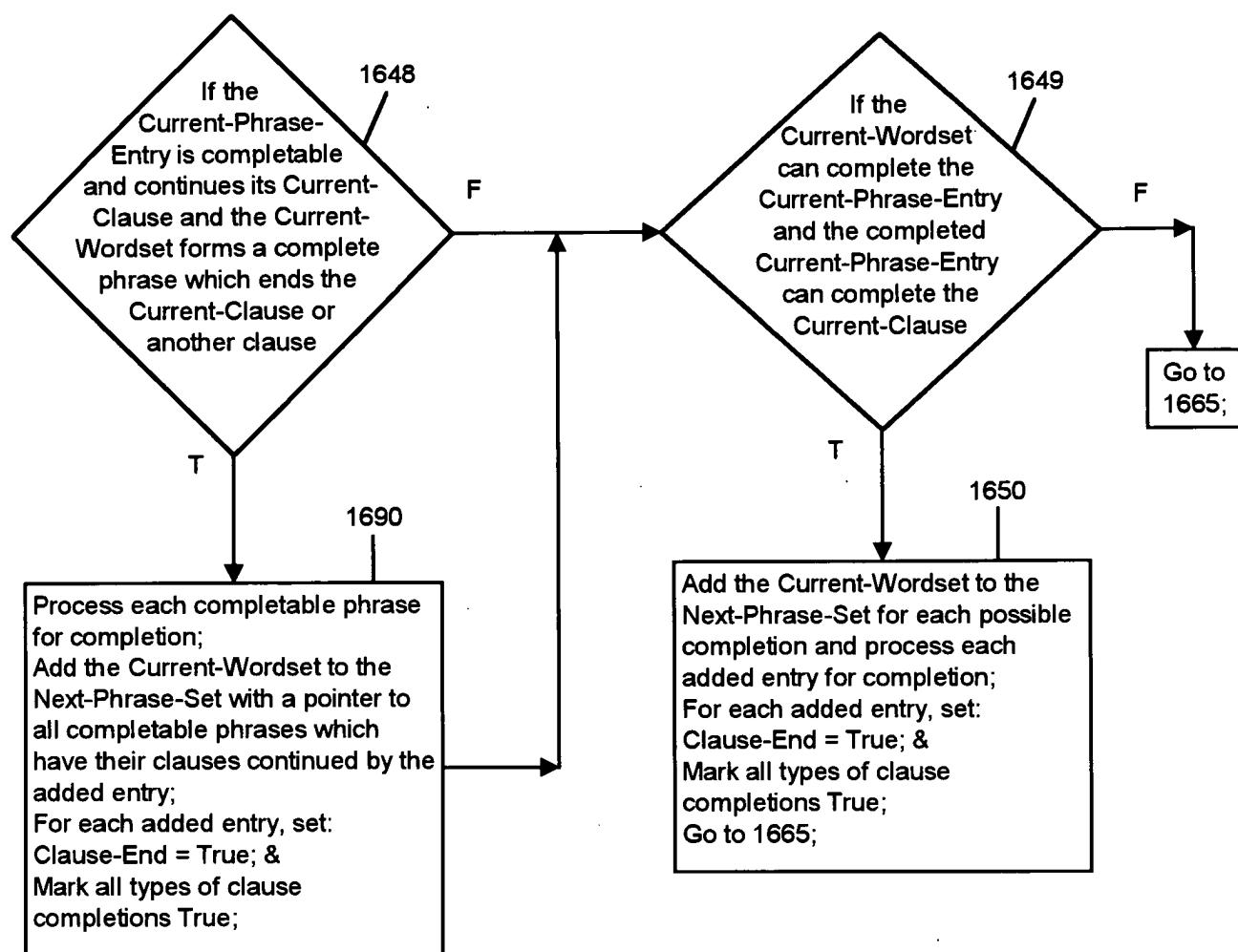


FIG. 5G

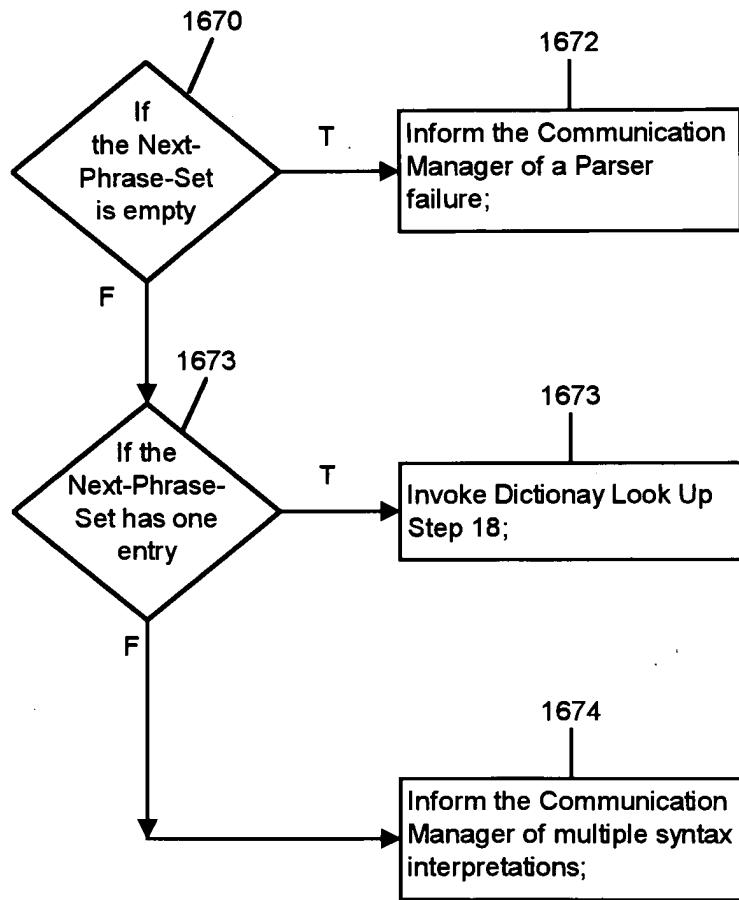


FIG. 5H

PRONOUN	REFERENT PROPERTIES	CONFIDENCE LEVEL	SPECIAL GRAMMAR FUNCTIONS
"DO"	Verb; :	2	
"I"	Noun, 1st person, singular; Subjective, UNIQUE; :	4 4	FN25
"IT"	Noun, thing, singular; Noun, SPECIAL MEANING; Noun, clause, CATAPHORIC; Noun, sentence, CATAPHORIC :	4 1 1 1	FN29, FN31...
"SOME"	Noun, person; Noun, thing; Noun, place; Noun, time; :	1 1 1 1	FN892 FN892 FN892 FN892
"THAT"	Noun, thing, singular or noncount; Noun, person, singular Noun, SPECIAL MEANING; Noun, clause; Noun, sentence; :	1 1 1 1 1	FN77 FN225 FN37
"TODAY"	Noun, UNIQUE; :	4	FN110
NUMBERS	Noun, number; Noun, countable; Noun, SPECIAL MEANING; Adjective; :	4 2 4 4	FN 110, FN111 FN112

FIG. 6A

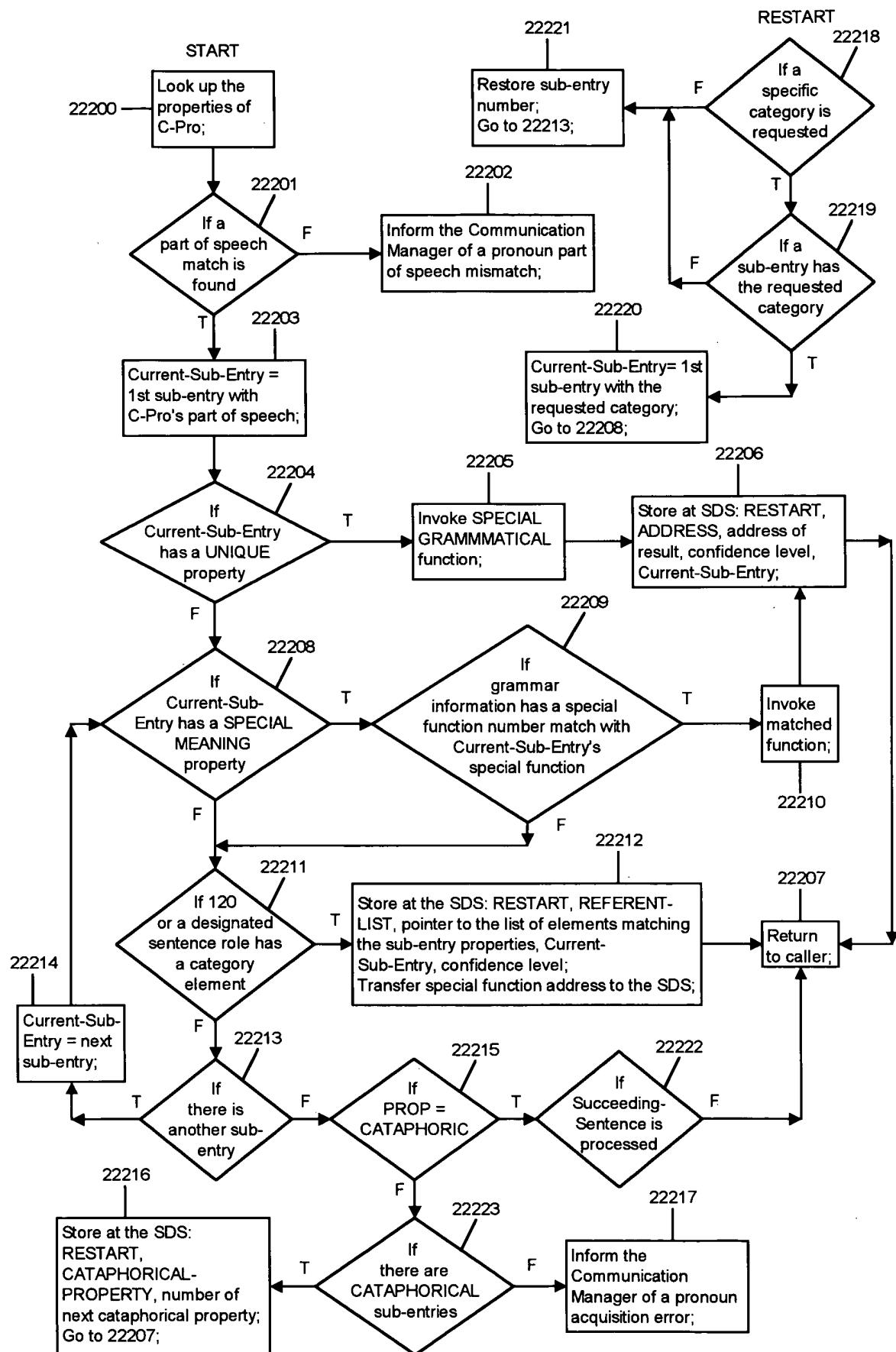


FIG. 6B

TEXT (single adjective)	MULTI-WORD FUNCTION LIST	DEFAULT REFERENCE TYPE	FUNCTION TYPE	FUNCTION ADDRESS and ASSOCIATED PARAMETERS	CONFIDENCE LEVEL	NEXT FUNCTION ADDRESS
Text of adjective	Set of multi-word symbols and associated starting addresses of its definition	Value of: SPECIFIC, SPECIFIC, UNKNOWN, GENERAL	Value of: SELECTION, QUANTIFICATION, etc.	A set of function addresses and parameters pairs which correspond to the adjective function	Number between 1 and 4 with 4 being the highest confidence level	NULL or the starting address of the next alternative function definition

FIG. 7A

MULTI-WORD SYMBOL	DEFAULT REFERENCE TYPE	LIST OF FUNCTION ADDRESSES and ASSOCIATED PARAMETERS OR POSITIONS	CONFIDENCE LEVEL	NEXT FUNCTION ADDRESS
Symbol used to look up functions associated with a function word position	Value of: SPECIFIC, SPECIFIC UNKNOWN, GENERAL	Ordered list of elements: Each element is either an address of a function, its type, and other parameters, or a position location for accessing the function word in the SDS	Number between 1 and 4 with 4 being the highest confidence level	NULL or the starting address of the next alternative function definition

FIG. 7B

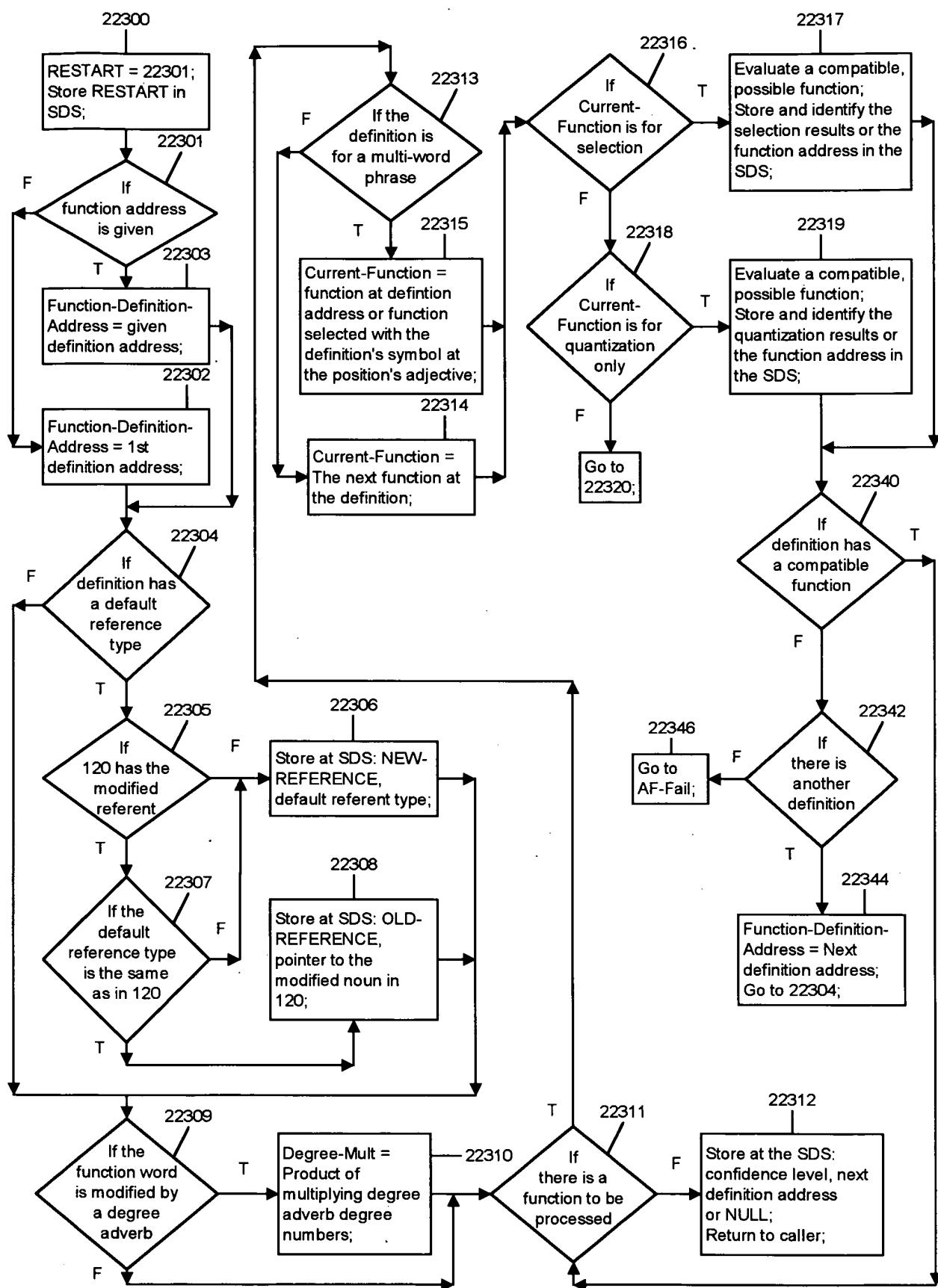


FIG. 7C

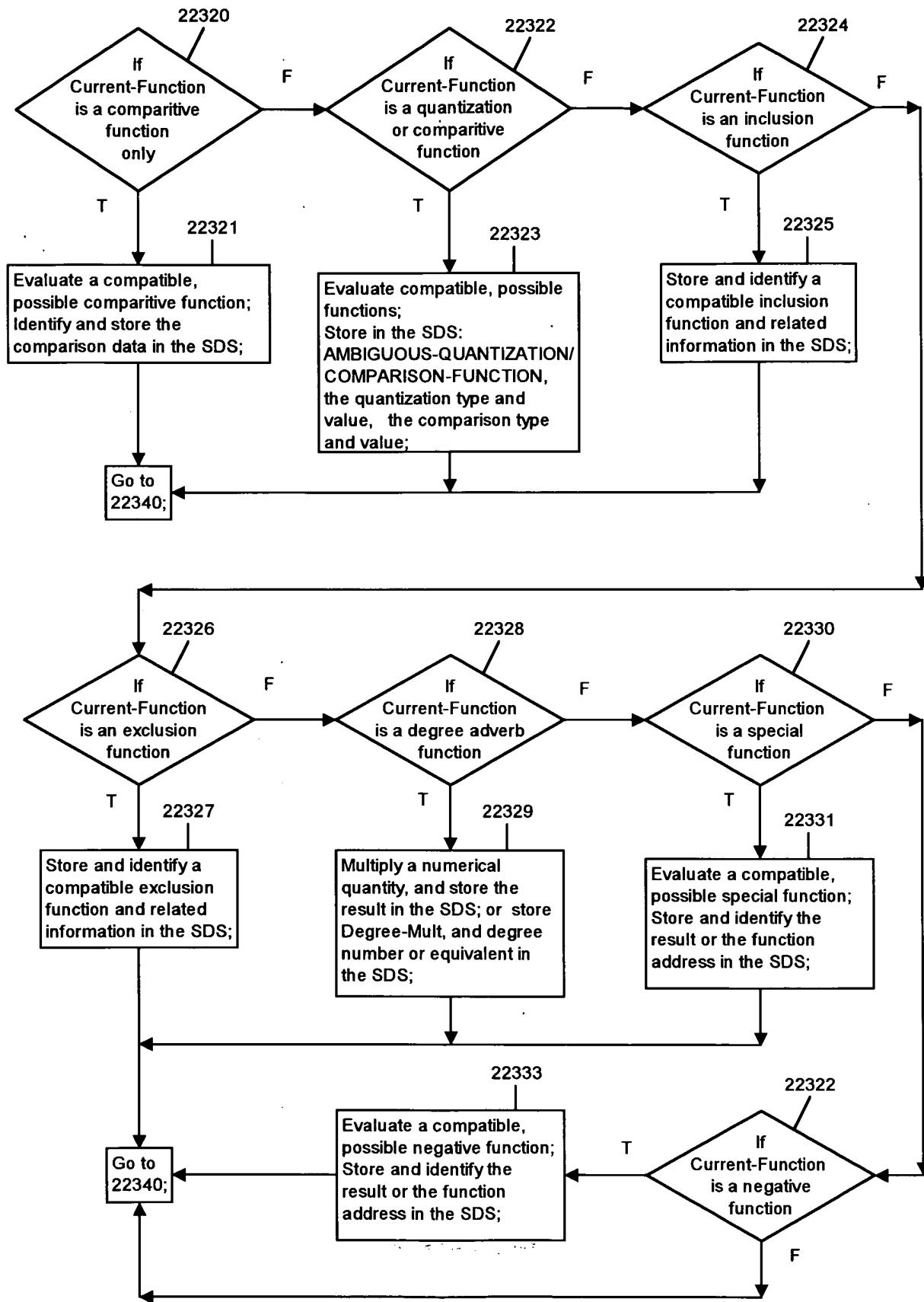


FIG. 7D

PREPOSITION TEXT REPRESENTATION	RELATION TYPES	CONFIDENCE LEVEL
Preposition text, representation number	List of A-Relation designations, S-Relation designations, and/or T-Relation designations	Confidence level for each designation

**A-Relation descriptor associated with a designation:**

Type: Partitive, Possessive, Function, or Group;  
 Relation Characteristic;  
 Preceeding/Succeeding Pointers;  
 Memory 100 Pointers;  
 Specific Information;  
 Designation;

**S-Relation descriptor associated with a designation:**

Source Requirement Descriptor;  
 Destination Requirement;  
 Destination: MODIFIEE or COMPLEMENT;  
 Relation Setting Function;  
 Designation;

**T-Relation descriptor associated with a designation:**

Destination: MODIFIEE or COMPLEMENT;  
 Relation Setting Function;

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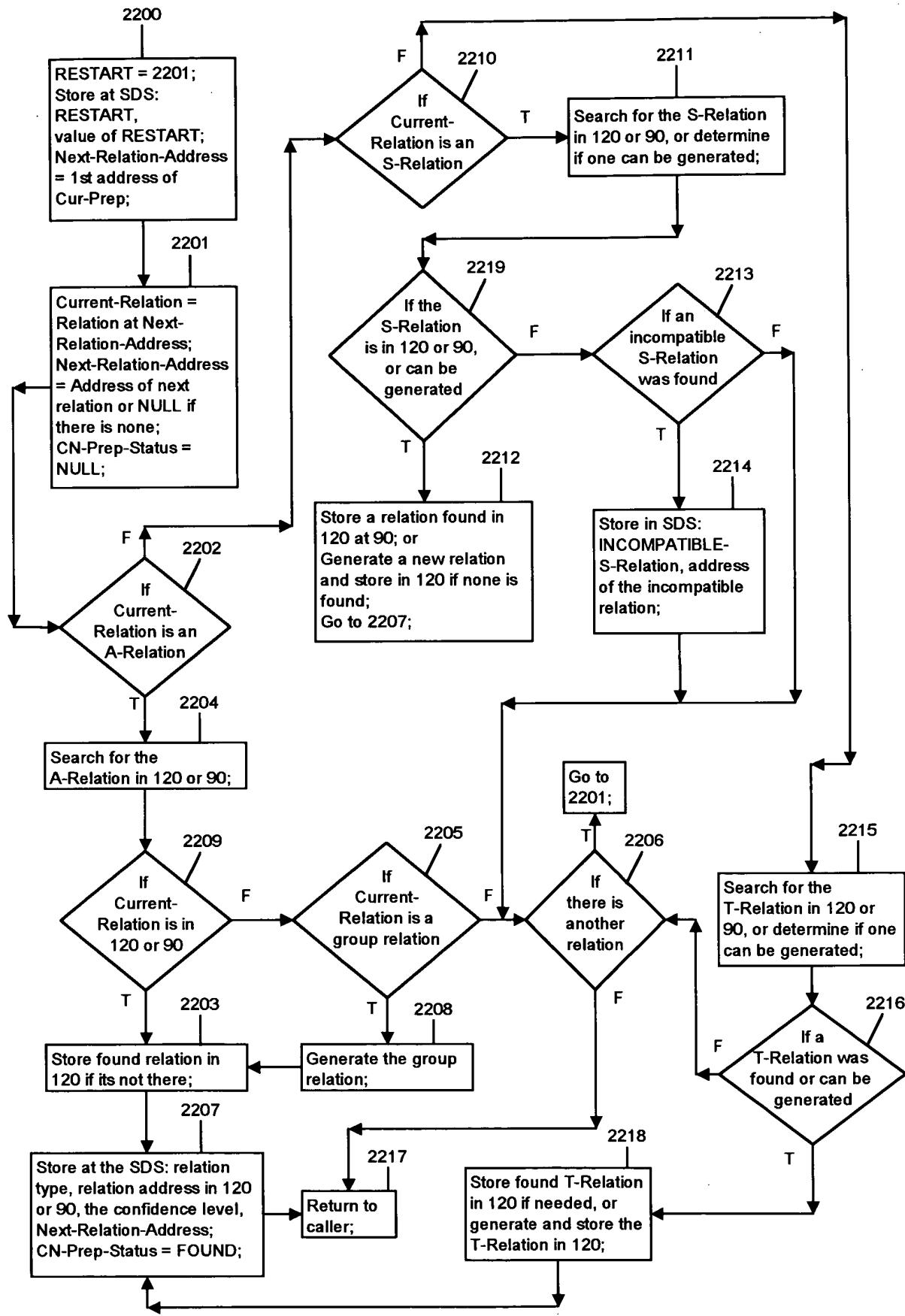


FIG. 8B

PREPOSITION TEXT REPRESENTATION	RELATION TYPES	CONFIDENCE LEVEL
Preposition text, representation number	List of AMF-Relation designations, F-Relation designations, T-Relation designations, and/or P-Relation designations	Confidence level for each designation

**AMF and F -Relation descriptor associated with a designation:**

Type: AMF: Partitive, Possessive, Function, or Group; F: Function;  
**Relation Characteristic;**  
**Preceeding/Succeeding Pointers;**  
**Memory 100 Pointers;**  
**Specific Information;**  
**Designation;**

**T-Relation descriptor associated with a designation:**

**Destination: SUBJECT or COMPLEMENT;**  
**Relation Setting Function;**  
**Default state(s) and/or properties;**  
**Designation;**

**P-Relation descriptor associated with a designation:**

**Purpose Relation Type;**  
**Designation;**

**FIG. 8C**

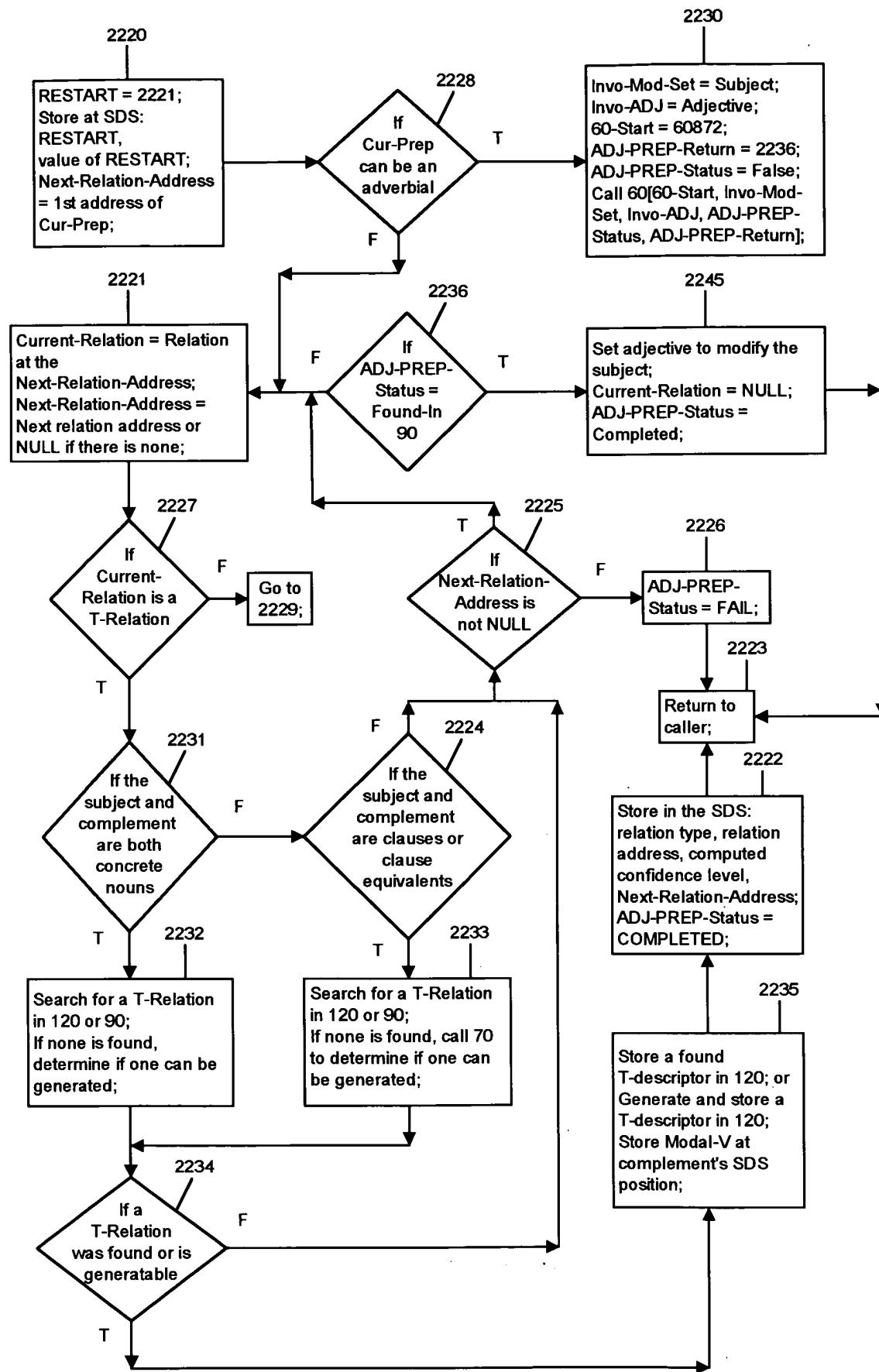


FIG. 8D

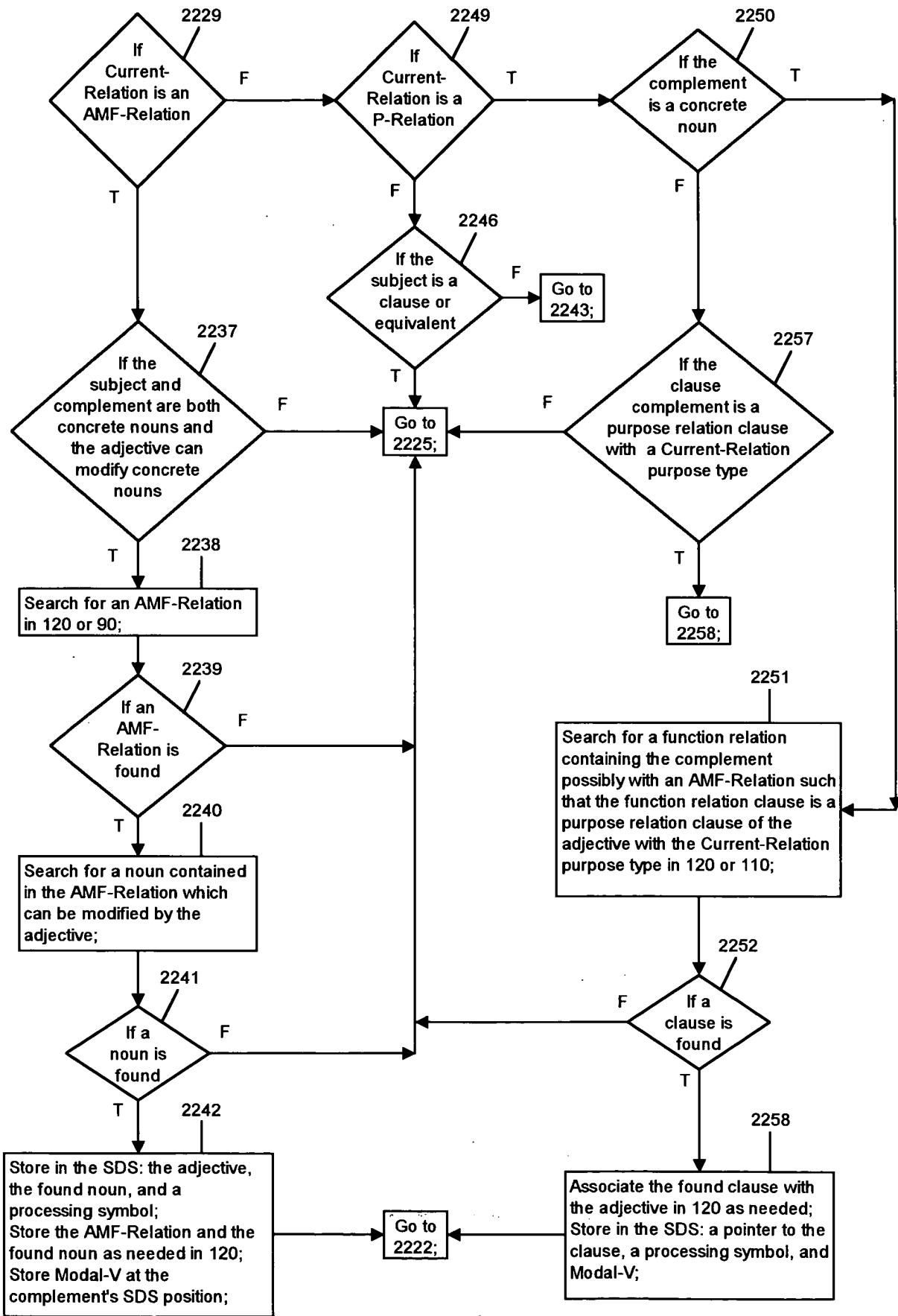


FIG. 8E

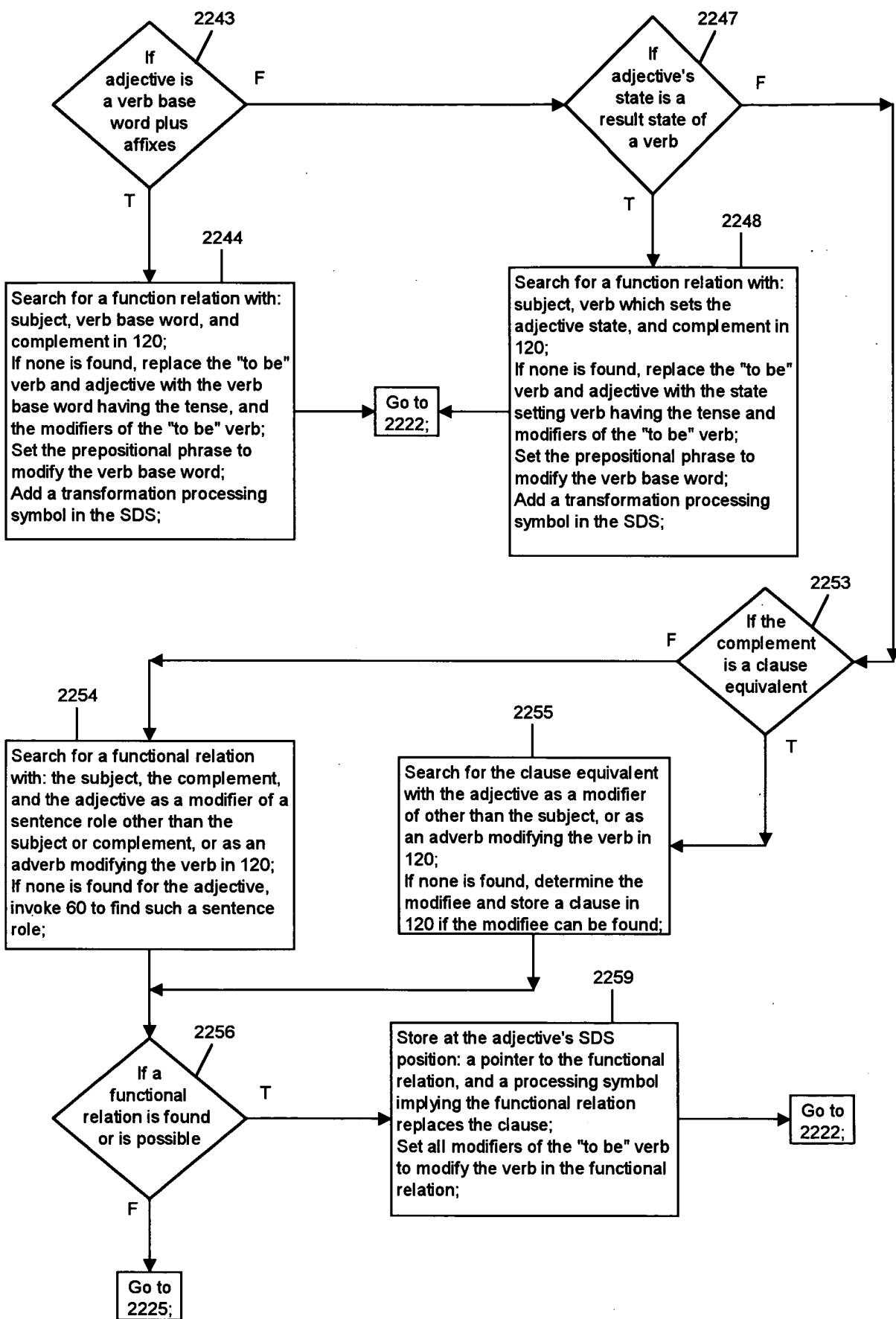


FIG. 8F

## MODIFYING ADVERBIAL SUBCLASS DATA STRUCTURE

### SOURCE DESCRIPTOR:

Semantic role;  
Required value or value range, and units;  
Required state(s) and/or property(s);  
Function to obtain required state(s) and/or property(s);  
Required parameters;

### DESTINATION DESCRIPTOR:

Requirements of Modifiee;  
or NULL set;

### Function of Adverbial Subclasses Include:

Set adverbial subclass values;  
Select modifiee word sense or word sense component;  
Initiate processes;

FIG. 9A

09521580 • 09522000

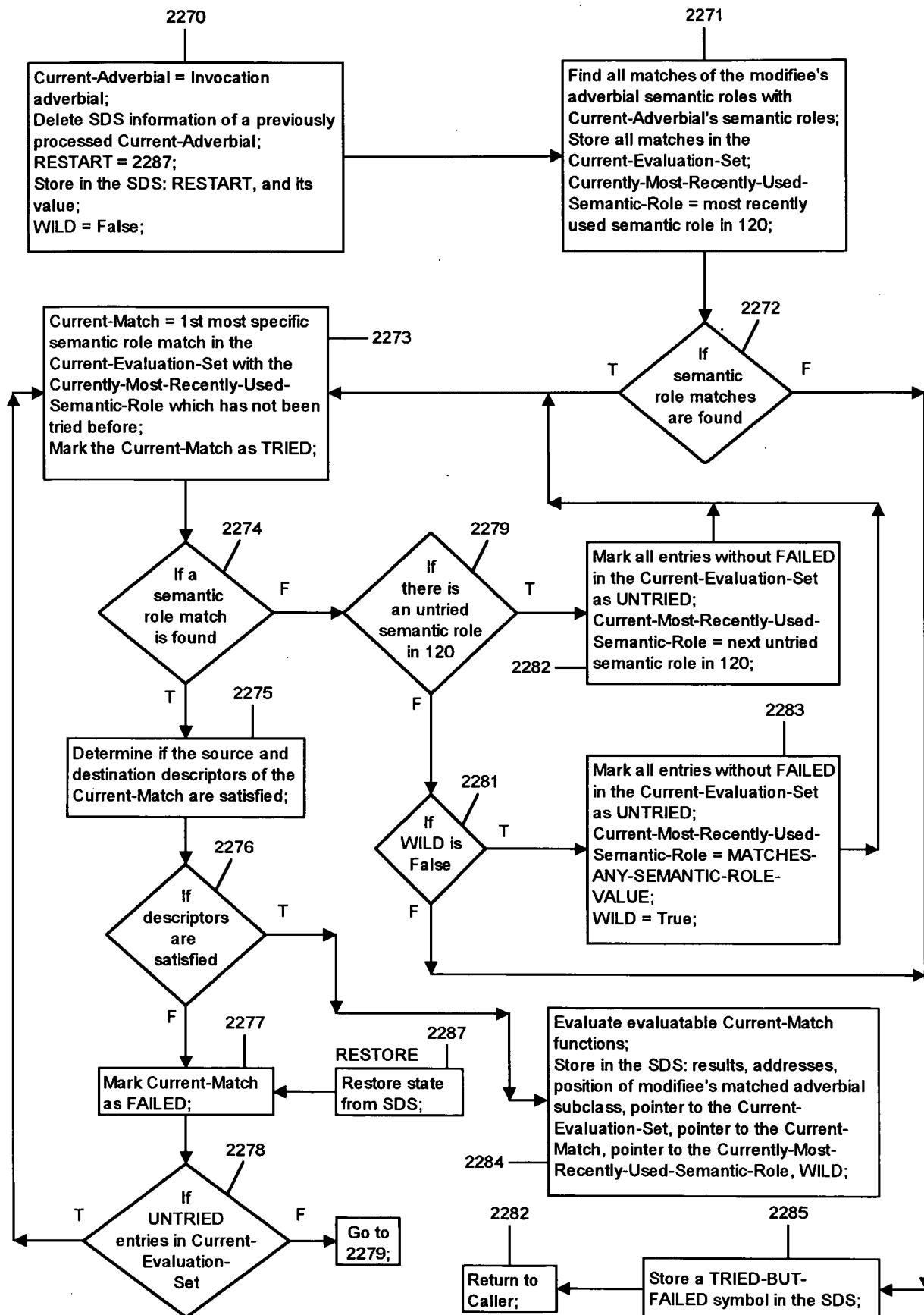


FIG.9B

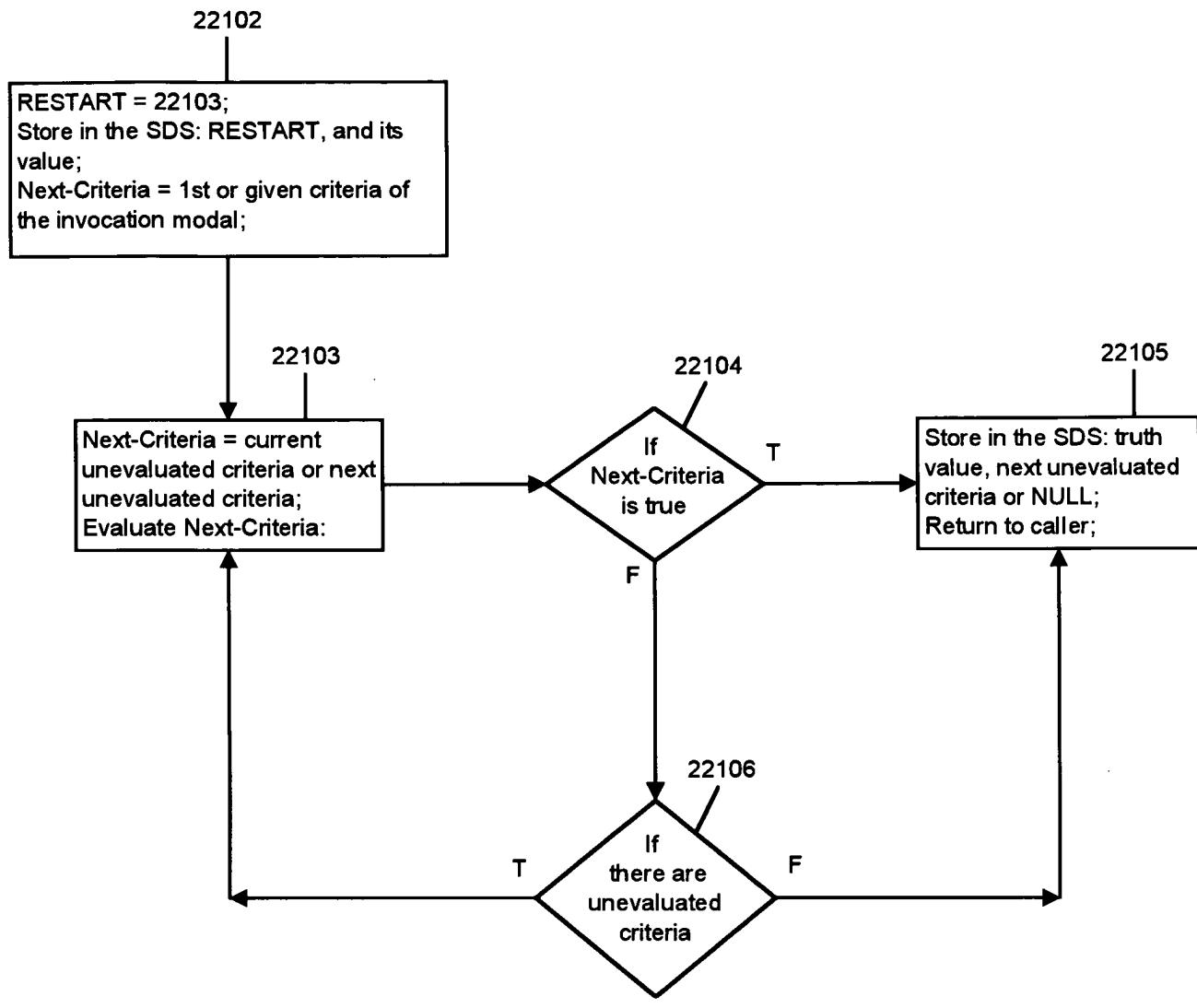


FIG. 10A

TENSE	VERB TYPE	TIME PERIODS WHEN TRUE			TIME SHIFTS TO:		USAGE SITUATION
PRESENT	STATIC EVENTIVE HABITUAL	Before > not Before Before >	Now Now Now	< After not After < After	PAST PAST PAST	FUTURE FUTURE FUTURE	us1 us2,us3,us4,us5,us6 us8
PAST	STATIC EVENTIVE HABITUAL	Before Past not Before Past Before Past	Past Time Point Past Time Point Past Time Point	After Past not After Past After Past	PRESENT to - PAST and - FUTURE to PAST		us9 us9 us9
FUTURE	STATIC EVENTIVE HABITUAL	not Now not Now not Now	Future Future Future	beyond Future not beyond Fut. beyond Future	none none none	us10,us11 us10,us11 us10,us11	
<b>PERFECTIVE TENSES</b>							
PRESENT	STATIC EVENTIVE HABITUAL	Past recent Past Past	Present Present Present	possibly Future possibly Future possibly Future	none none none	us12 us12 us12	
PAST	STATIC EVENTIVE HABITUAL	Past Period Past Period Past Period	not Now not Now not Now	not Future not Future not Future	none none none	us13 us13 us13	
FUTURE	STATIC EVENTIVE HABITUAL	possibly Past possibly Past possibly Past	Now Now Now	Expected to - be true in - the Future	none none none	us14 us14 us14	
<b>PROGRESSIVE TENSES</b>							
PRESENT, PAST, and FUTURE	STATIC EVENTIVE HABITUAL	not Before just Before not Before	near Time Point Time Point near Time Point	not After just After not After	none none none	us15,spec. meaning us16 us15	
<b>PERFECTIVE PROGRESSIVE TENSES</b>							
PRESENT	EVENTIVE HABITUAL	Before Now Before Now	Now near Now	possibly Future possibly Future	none none	us 17 us 17	
PAST	EVENTIVE HABITUAL	Past Past	not Now not Now	not Future not Future	none none	us18 us18	
FUTURE	EVENTIVE HABITUAL	possibly Past possibly Past	Now Now	Expected to - continue into - the Future	none none	us19 us19	

FIG. 10B

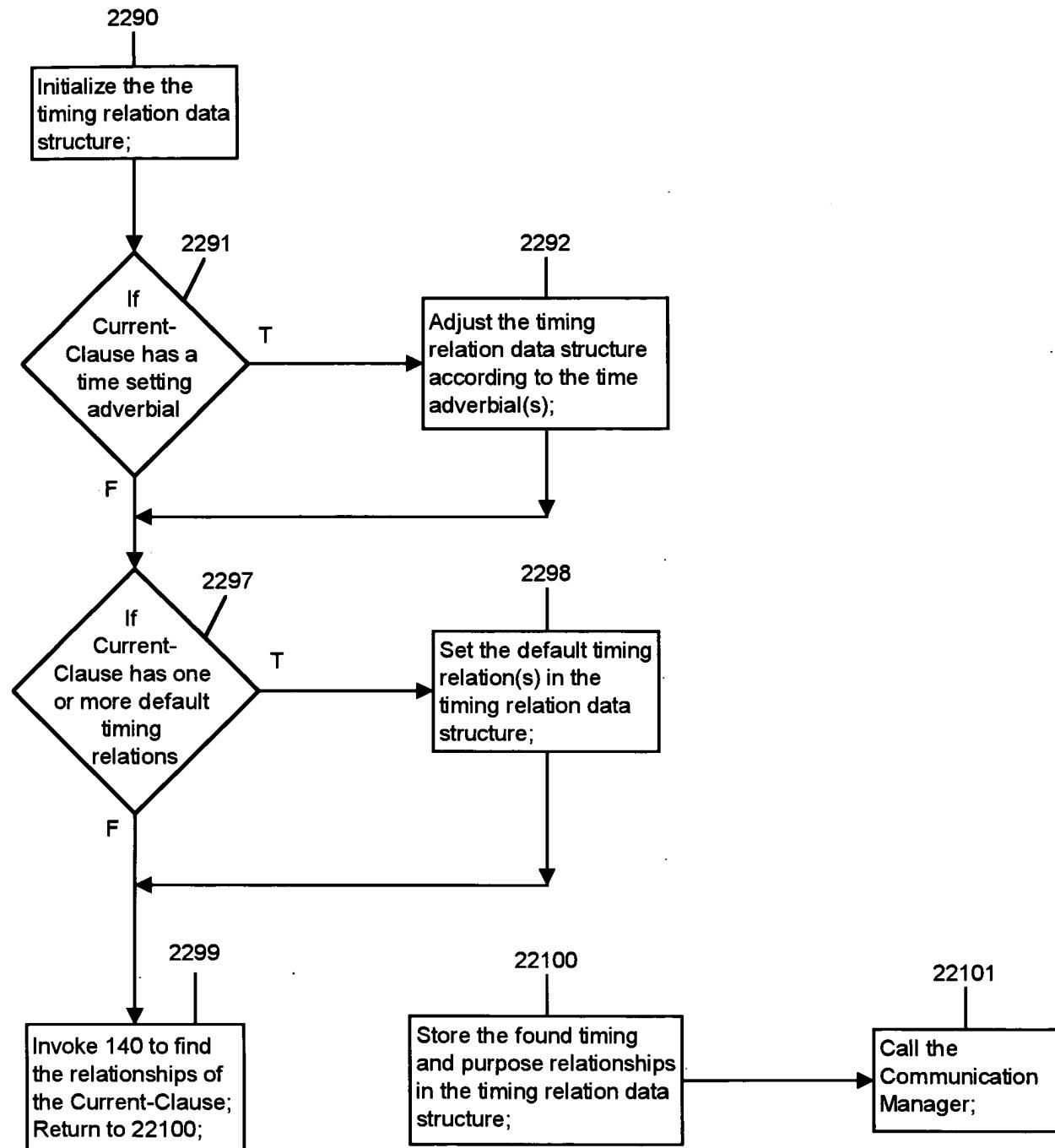


FIG. 10C

Conjunctions Joining Clause Constituents

NAME	TYPE	FUNCTION
and	NOUN	CF1, CF3
and	VERB	CF2, CF4, . . .
.	.	.
.	.	.
.	.	.

Conjunctions Joining Clauses

NAME	TYPE	FUNCTION
or	COORDINATING	R1, R2
.	.	.
.	.	.
that	SUBORDINATING	R72, R77, . . .
.	.	.
.	.	.

FIG. 11A

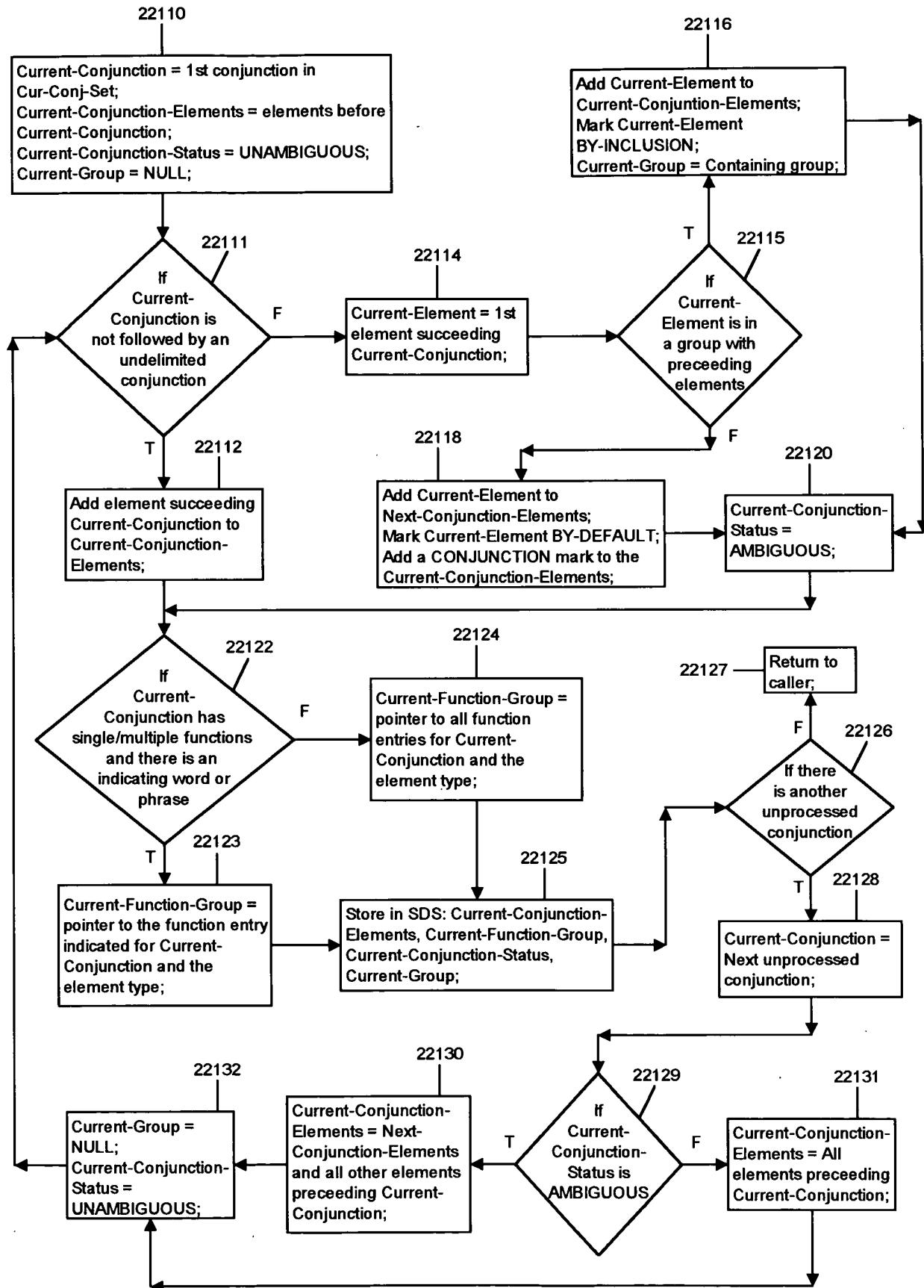


FIG. 11B

AFFIX TEXT	SOURCE	DESTINATION	TYPE NUMBER	FUNCTIONS	POINTER TO MODIFICATION ADVERBIAL SUBCLASSES FOR ADVERBIAL DESTINATIONS
"ly"	ADJECTIVE	ADVERB	1 2 3	F1 F2, F3 F7	P1 P2 P3
"ingly"	VERB	ADVERB	10	F18, F21, F99	P88

FIG. 12A

0965241680, 09622780

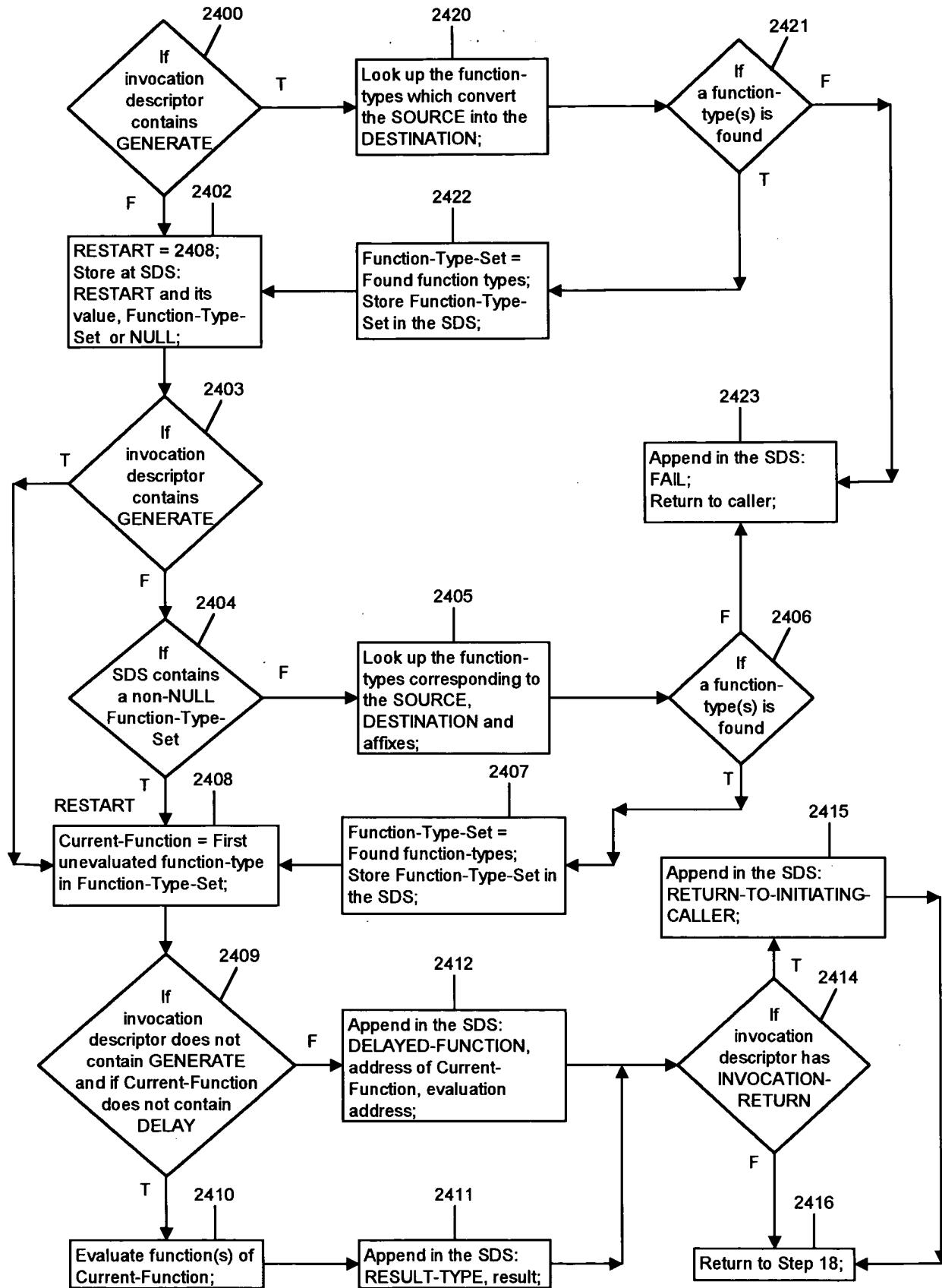


FIG. 12B

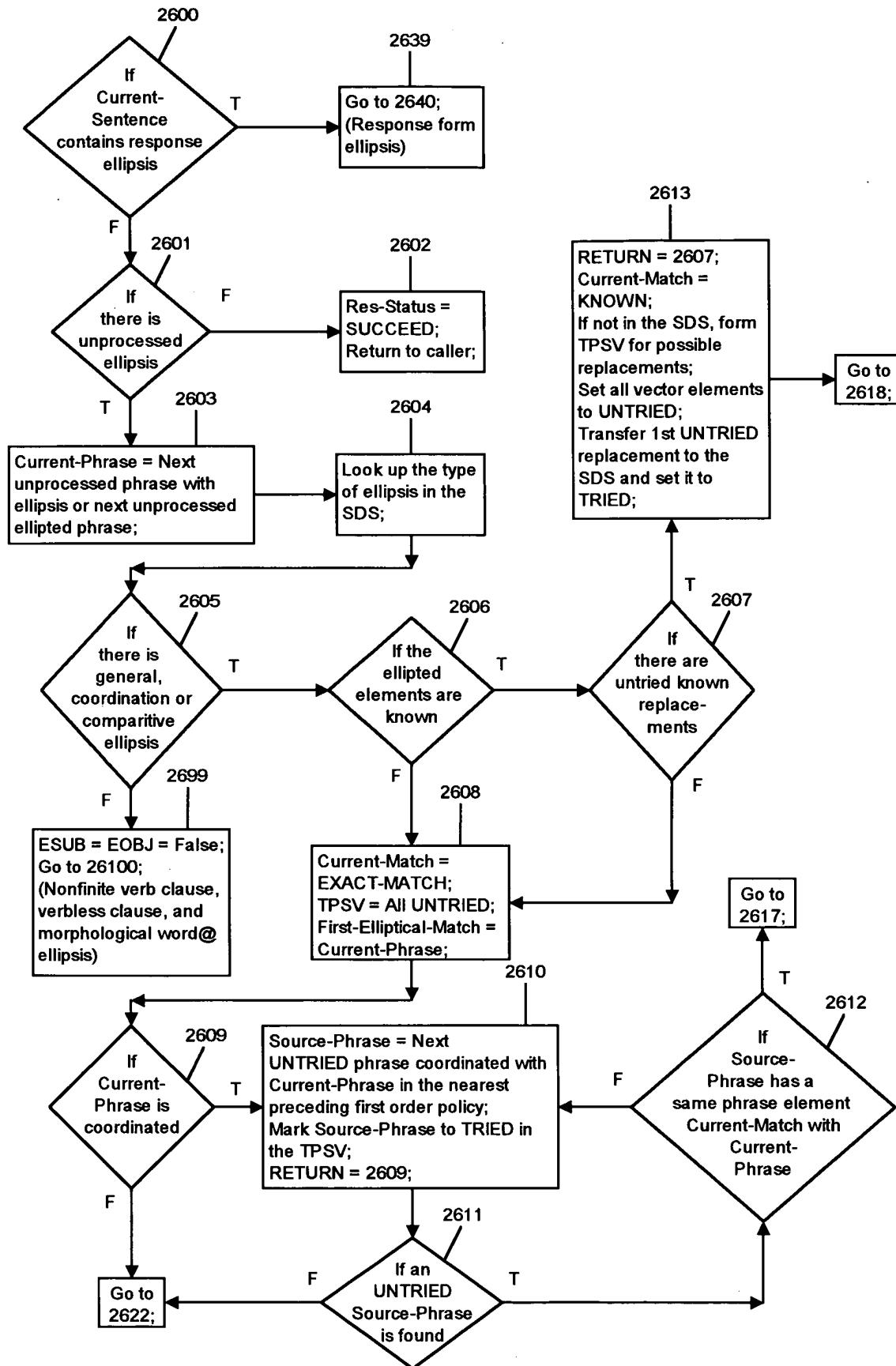


FIG. 13A

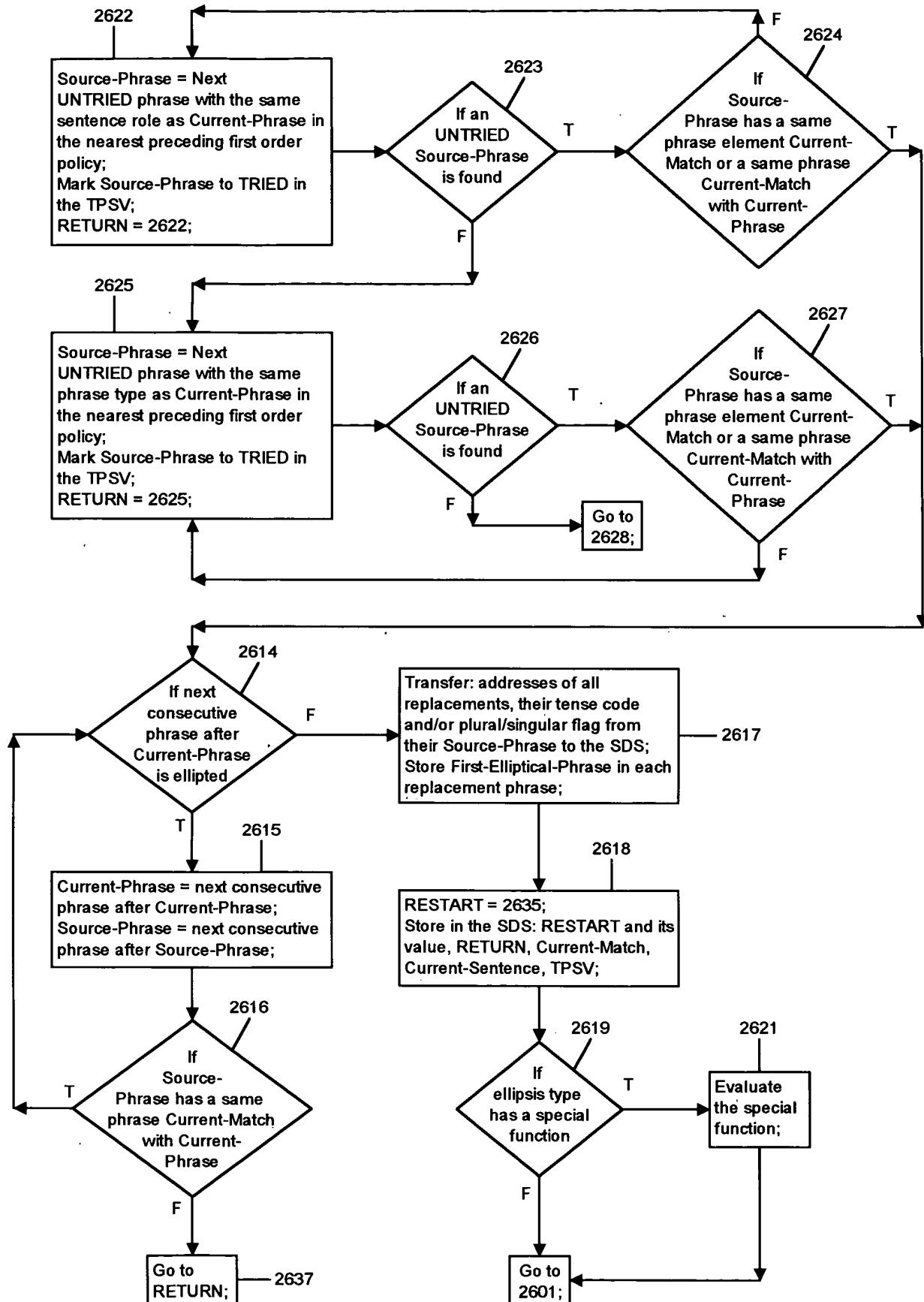


FIG. 13B

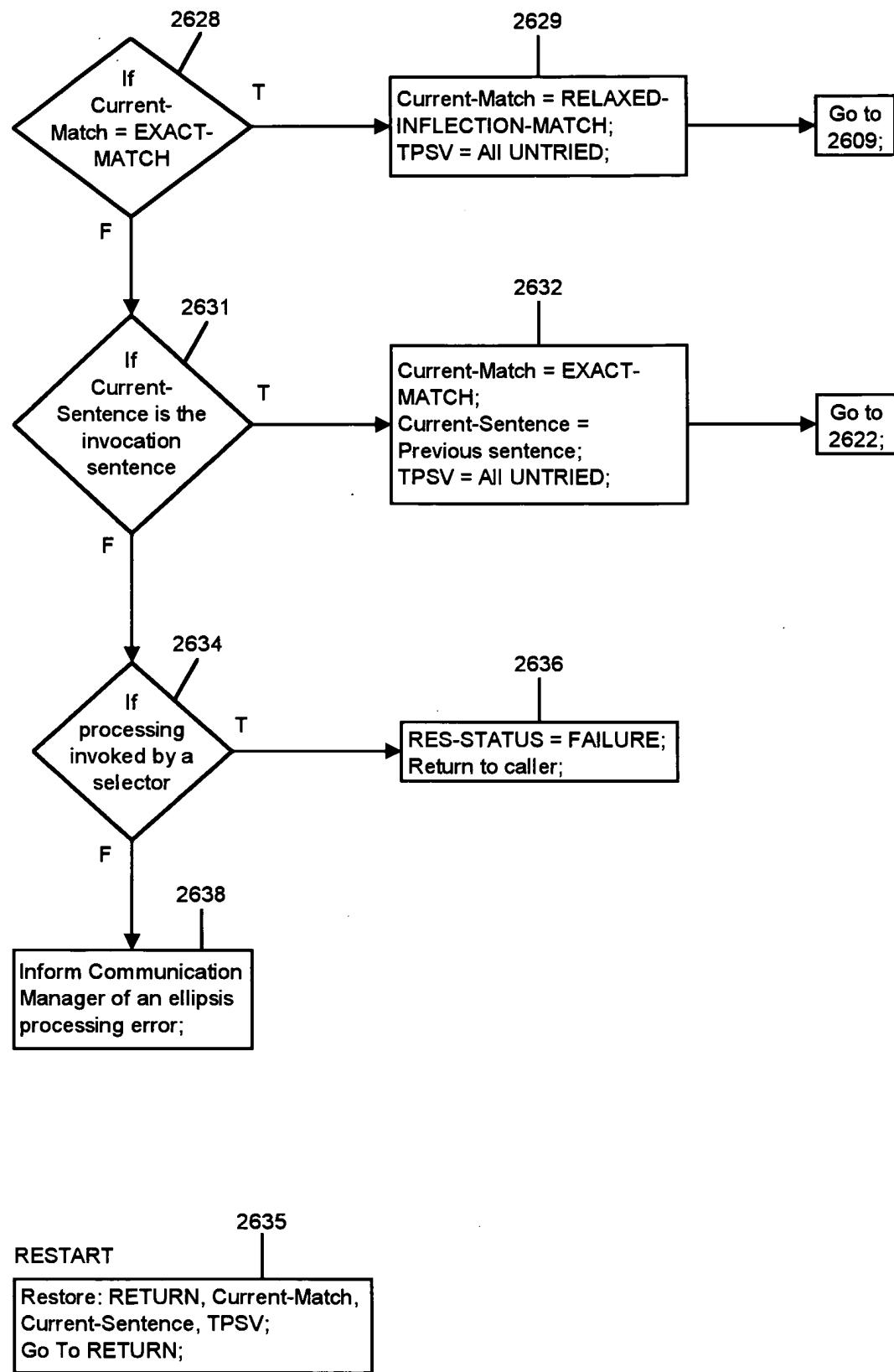


FIG. 13C

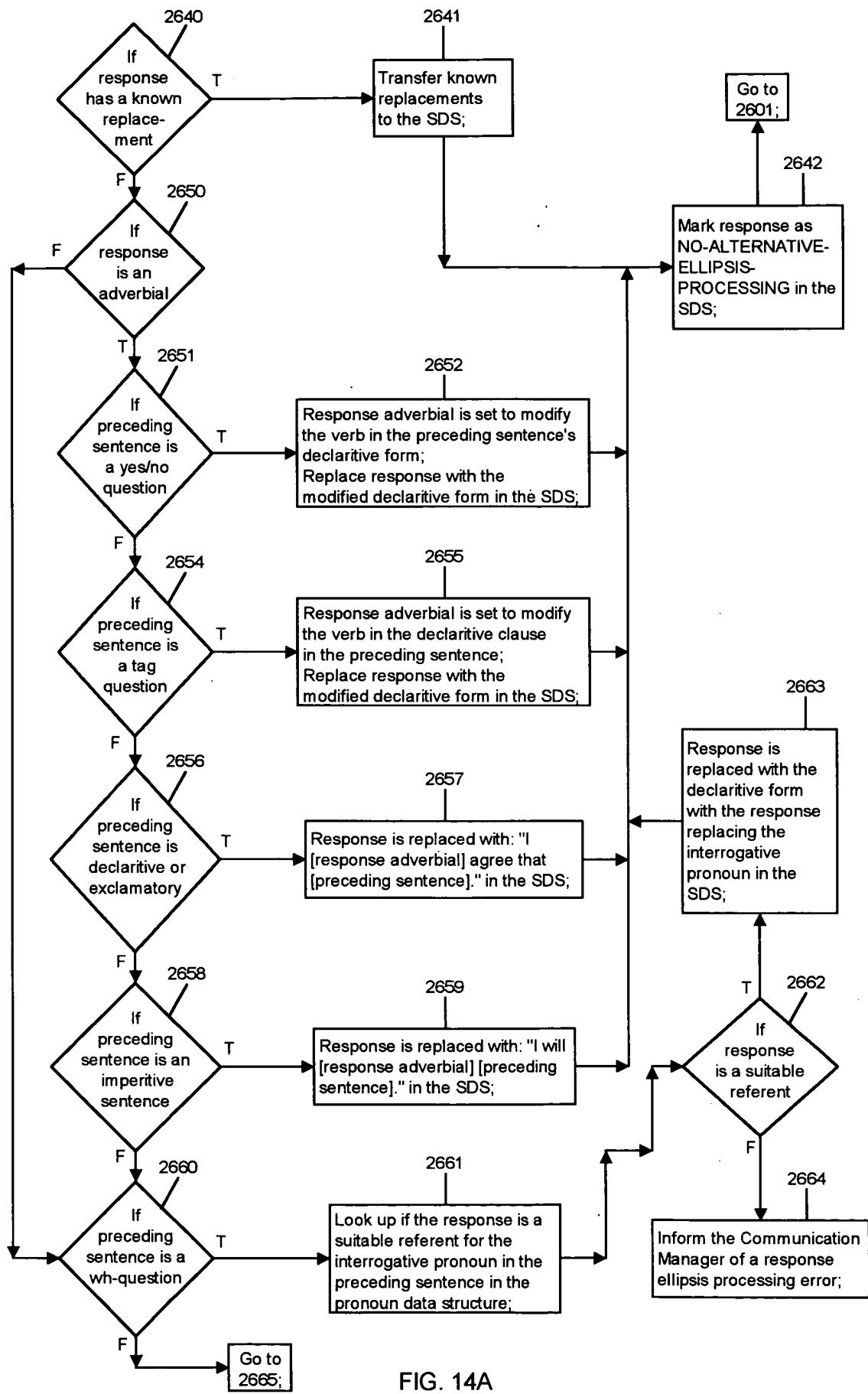


FIG. 14A

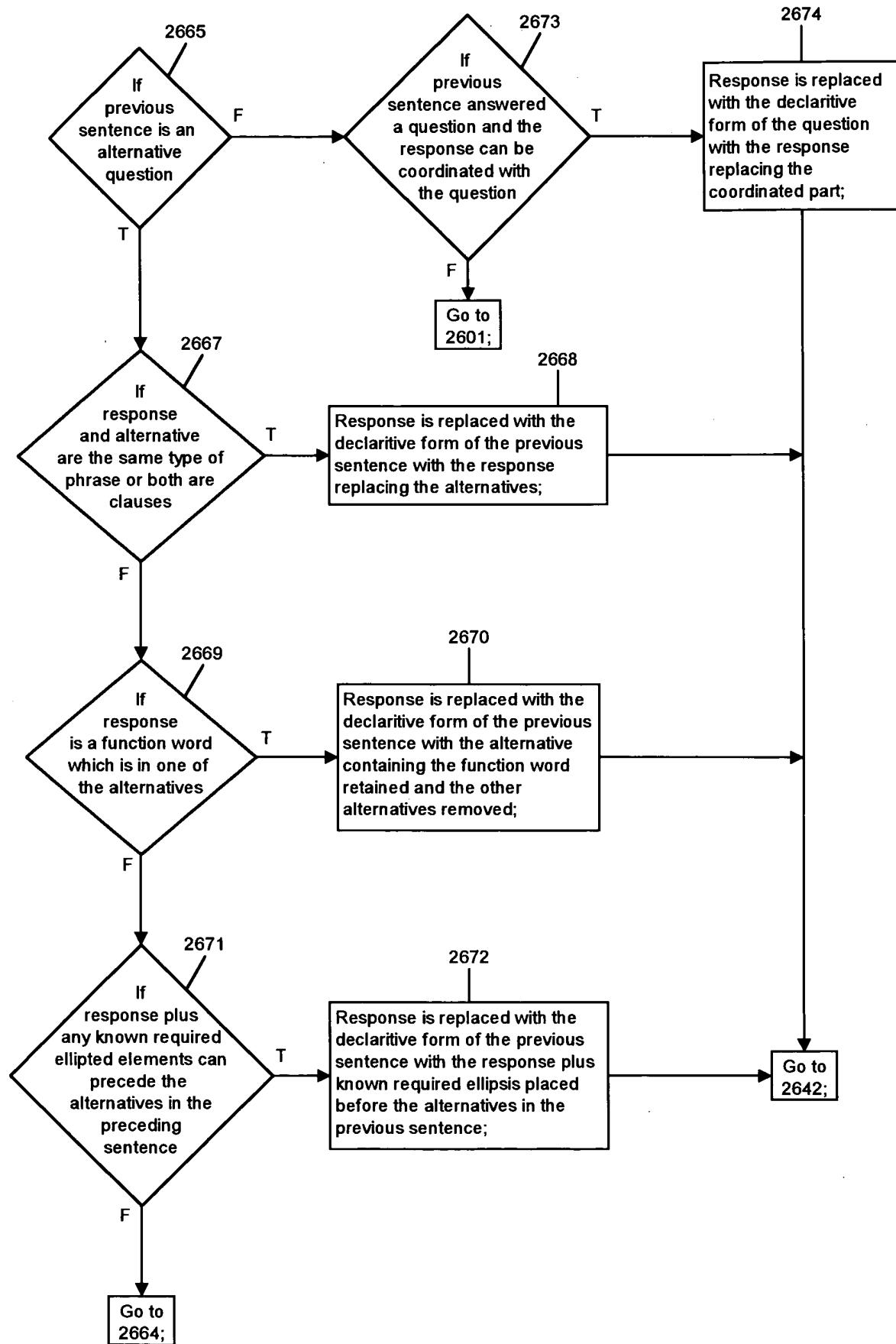


FIG. 14B

CONDITION	SUBJECT SOURCE
1. nonfinite verb or morphological word@ premodifies a concrete noun	premodified noun's state representation data structure is searched for the nonfinite verb or the morphological word@ in a clause relation
2. nonfinite verb or morphological word@ premodifies a noun	premodified noun
3. nonfinite verb or morphological word@ premodifies a state abstract noun	owner of the state abstract noun
4. nonfinite verb, verbless clause, or morphological word@ postmodifies a noun	postmodified noun
5. nonfinite verb, verbless clause, or morphological word@ postmodifies a state abstract noun	owner of the state abstract noun
6. a prepositional phrase modifies the verbal in the nonfinite verb clause or modifies the morphological word@	the complement of the modifying prepositional phrase
7. none	the main clause
8. nonfinite verb, verbless clause, or morphological word@ is not the subject of the clause	subject of the main clause
9. subject of the main clause is not first person pronoun	1st person (speaker)
10. subject of the main clause is not a second person pronoun, or not a direct address sentence	2nd person (person spoken to)
11. none	another untried noun in the main clause
12. none	the context
13. none	general reference (an indefinite pronoun)

FIG. 15A

CONDITION	OBJECT SOURCE
1. nonfinite verb or morphological word@ premodifies a noun	premodified noun
2. nonfinite verb or morphological word@ postmodifies a noun	postmodified noun
3. a prepositional phrase modifies the verbal in the nonfinite verb clause or modifies the morphological word@	the complement of the modifying prepositional phrase
4. 2nd person is not currently the subject source	2nd person (person spoken to)
5. 1st person is not currently the subject source	1st person (speaker)
6. none	another untried noun in the main clause
7. none	the context
8. none	default (most common object)
9. none	general reference (an indefinite pronoun)

FIG. 15B

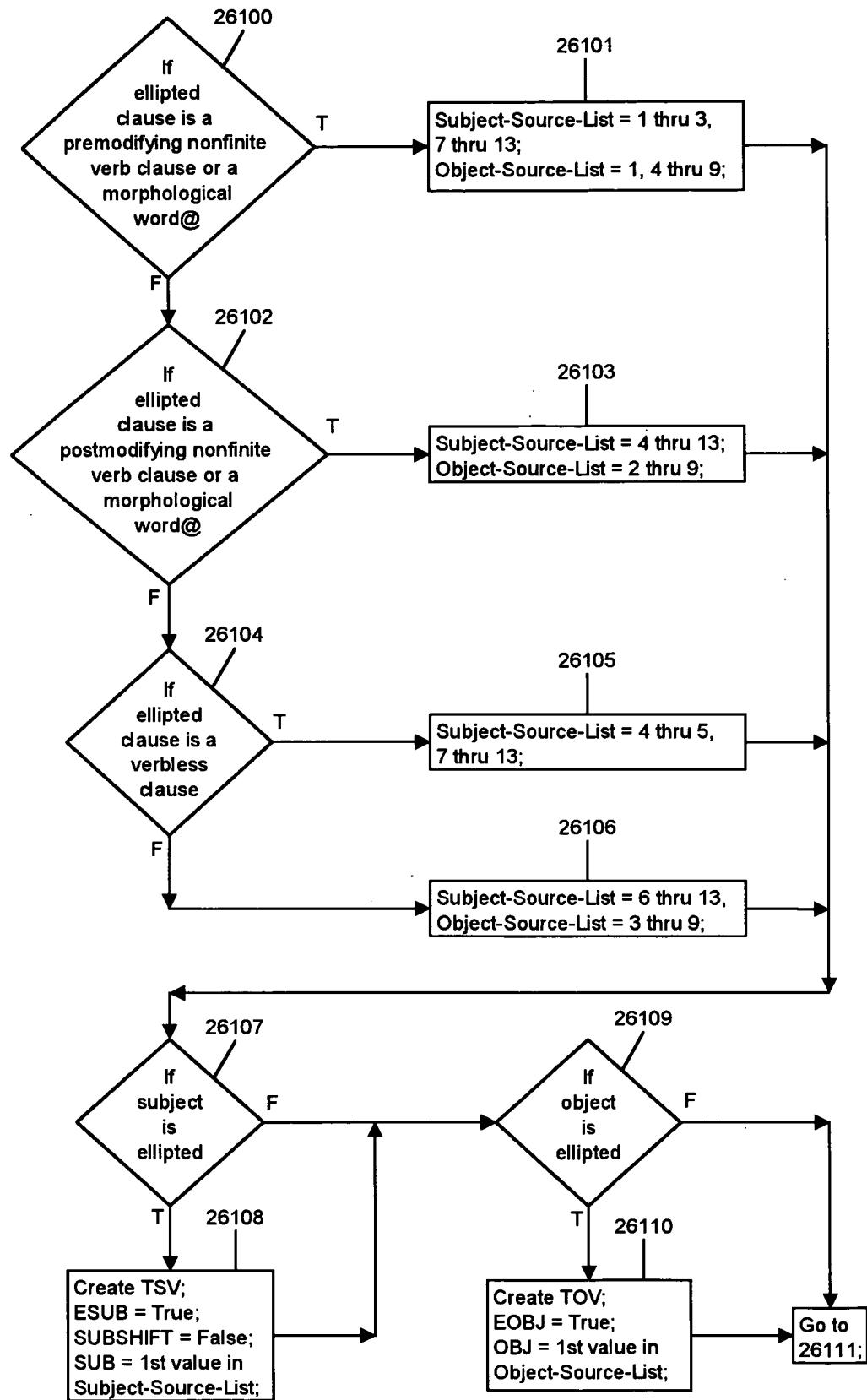


FIG. 16A

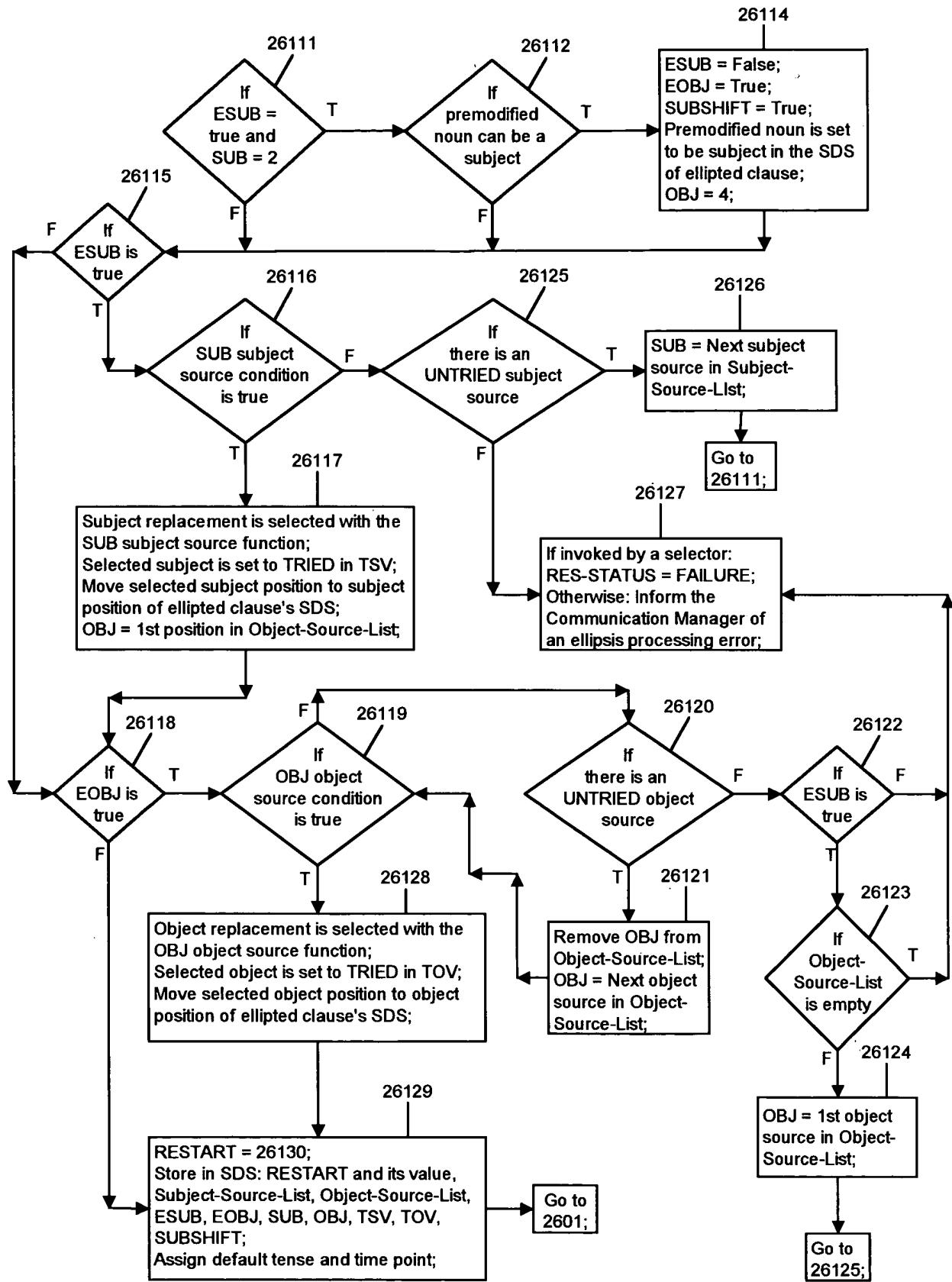


FIG. 16B

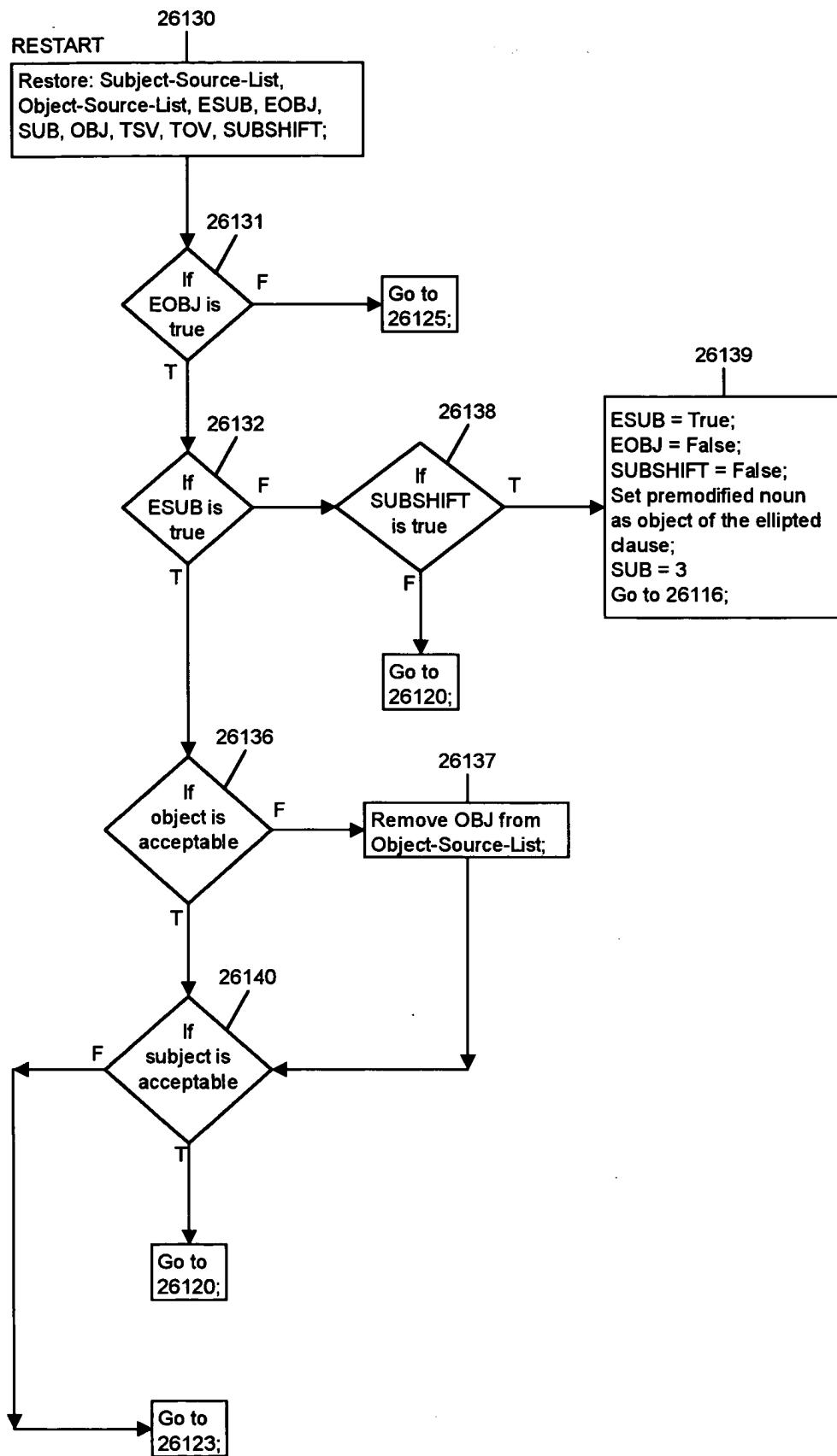


FIG. 16C

00000000000000000000000000000000

#### CONCRETE NOUN WORD SENSE NUMBER FORMAT:

##### Word Sense Identification Number:

Number identifying the related word sense numbers with a:  
Class Number;  
Class Member Number;

##### Type Number:

Number identifying a categorization of the word sense number;

##### Specificity Number:

Zero - General instance;  
Even ( $\neq 0$ ) - Specific known instance's number;  
Odd - Specific unknown instance's number,  
or general reference version's number;

##### Experience Number:

Zero - Selects typical state and property values for the representation of the word sense number;  
 $\neq$  Zero - Selects specific experience for the representation of the word sense number;

FIG. 17A

MEMORY 90 CONCRETE NOUN ENTRY FORMAT:

Word Sense Number of Entry:

Set of States and Properties with their:

Word sense numbers and their addresses in Memory 80;  
Values or value ranges;  
Pointers to associated C-descriptors, S-descriptors, and  
T-descriptors;

Partitioned Sets of Pointers to A-descriptors and T-descriptors:

Supertype Number:

Subtype Numbers:

FIG. 17B

06521580-002200

## EXTERNAL RELATION STRUCTURE GENERAL FORMATS:

### MODIFIER INDEXED RELATIONS ENTRY FORMAT:

Word sense number(s) of a modifier;

A-, C-, S-, or T- descriptor;

Modifiee word sense entry or type number;

### RELATION INDEXED FUNCTION A-RELATION ENTRY FORMAT:

Word sense number of verb in the function A-relation;

A-descriptor;

Modifiee word sense entry or type number;

### RELATION INDEXED NON-FUNCTION RELATION ENTRY FORMAT:

A-, C-, S-, or T- descriptor;

Modifiee word sense entry or type number;

FIG. 17C

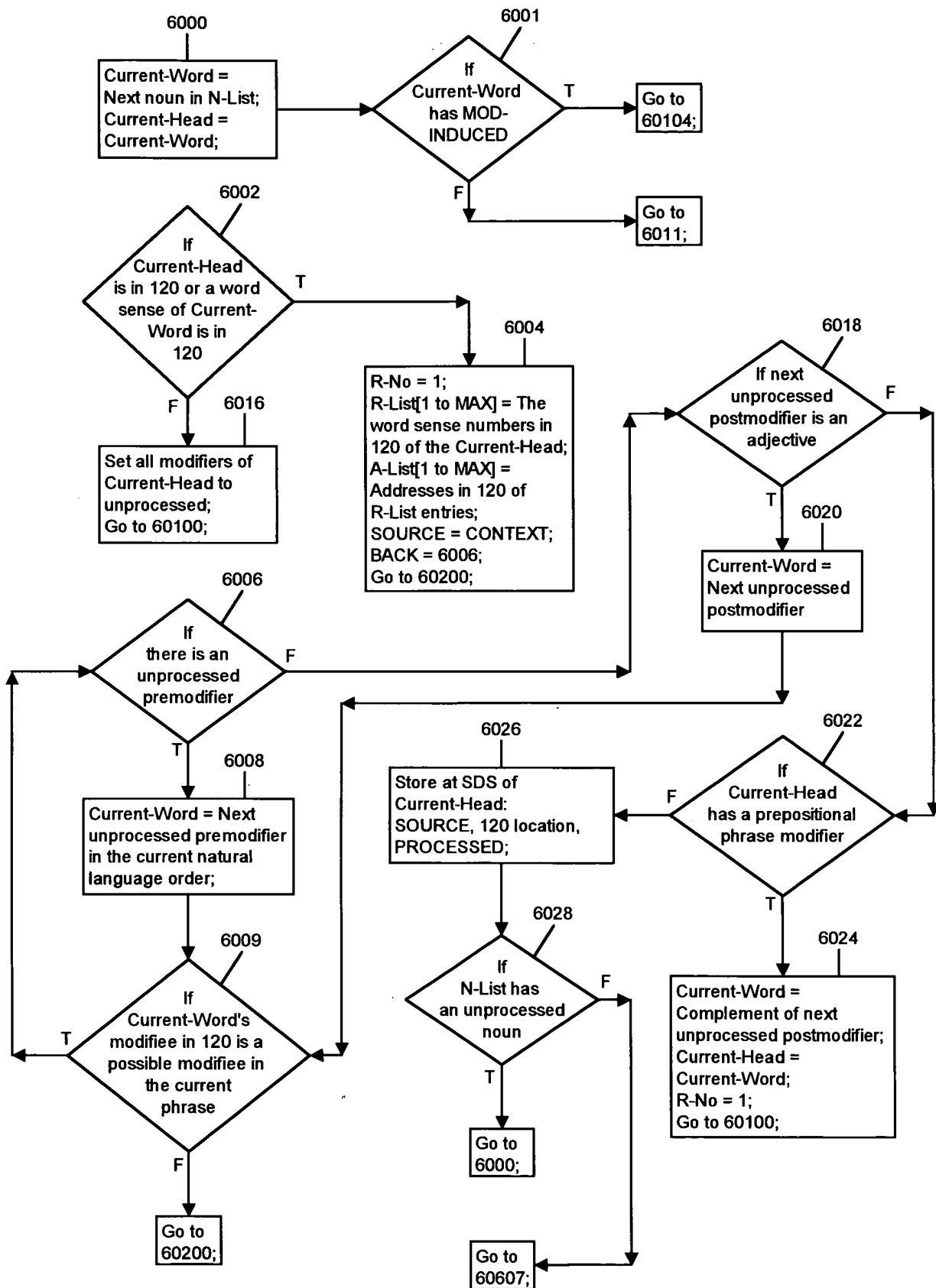


FIG. 17D

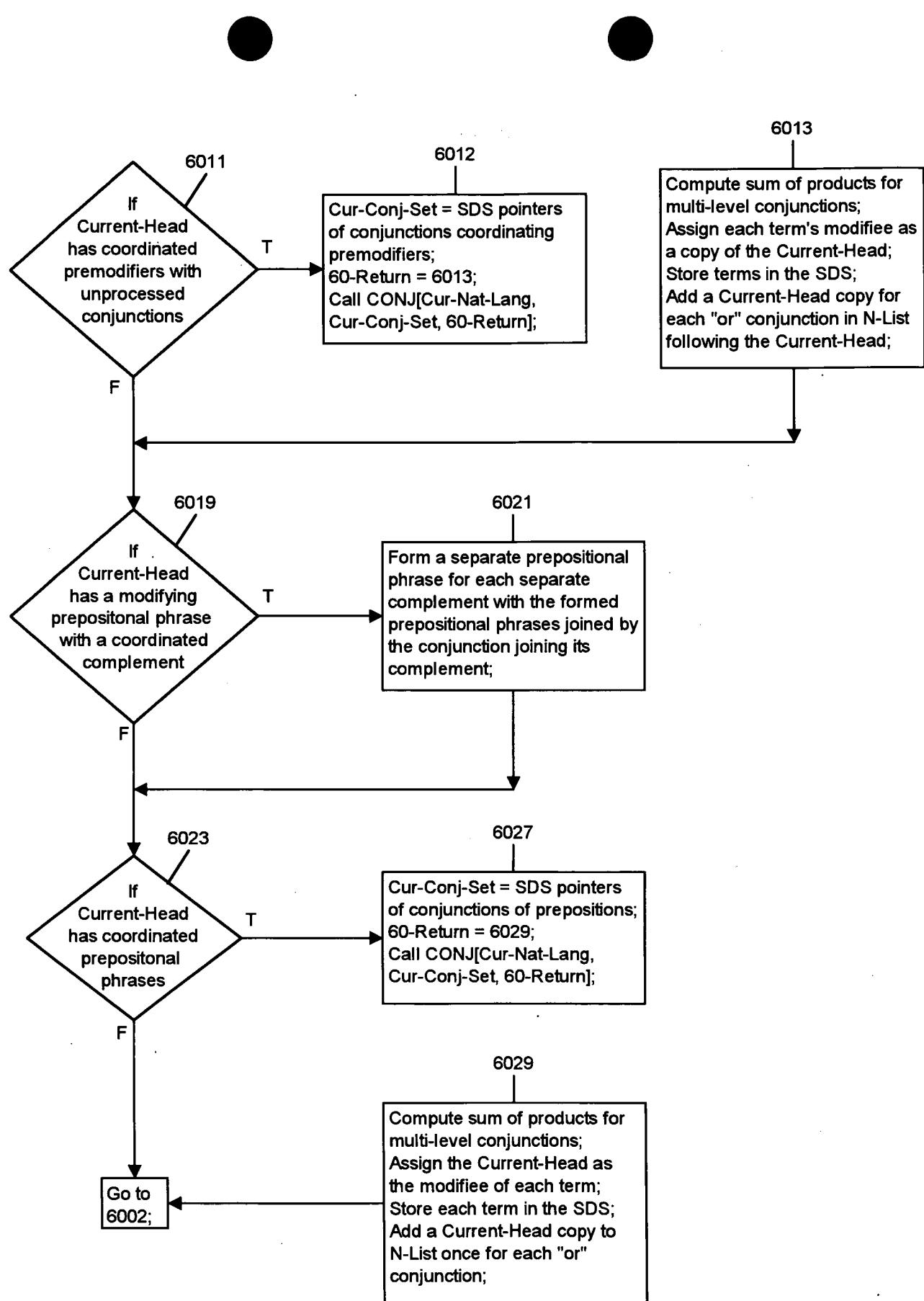


FIG. 17E

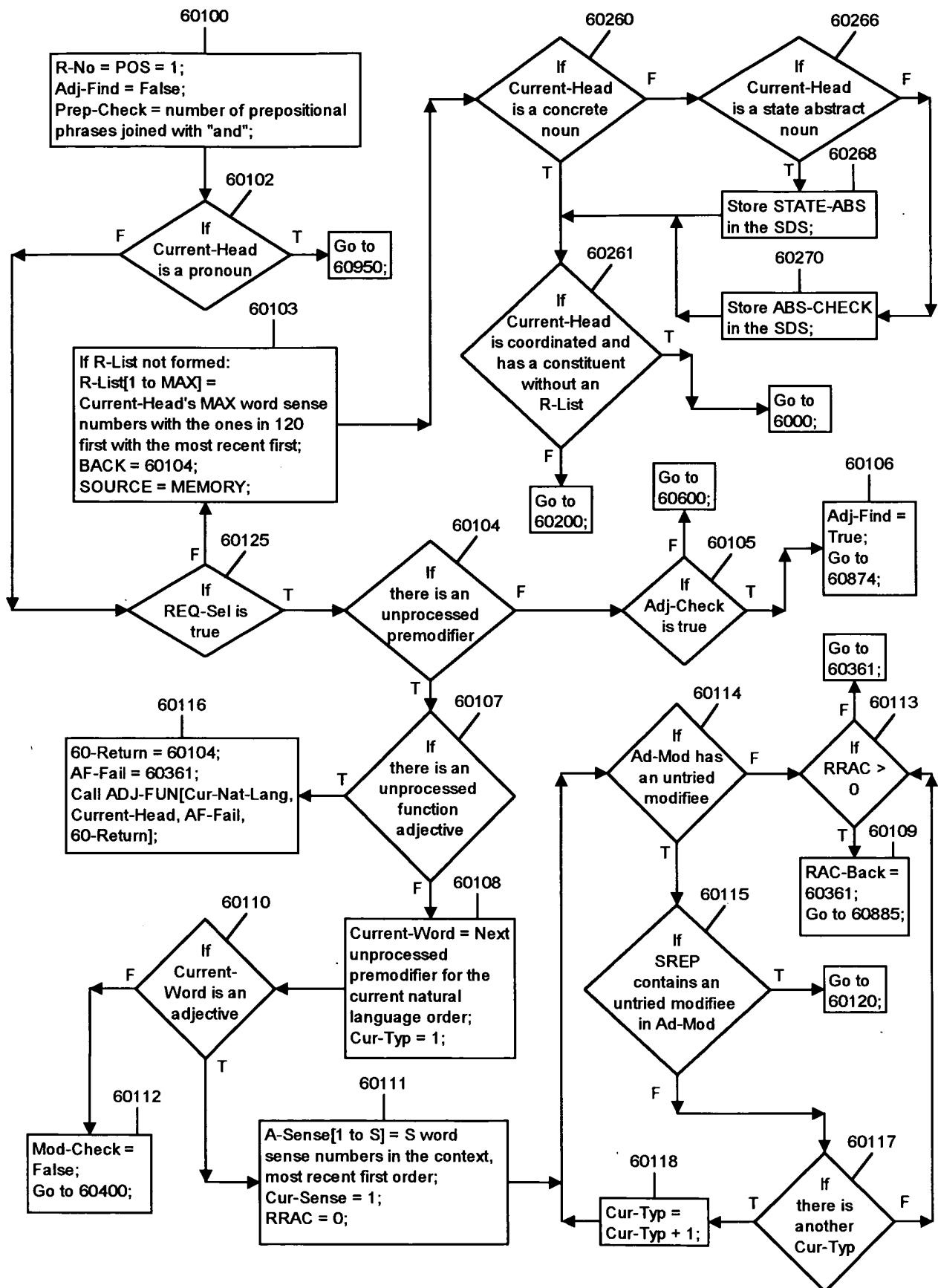


FIG. 17F

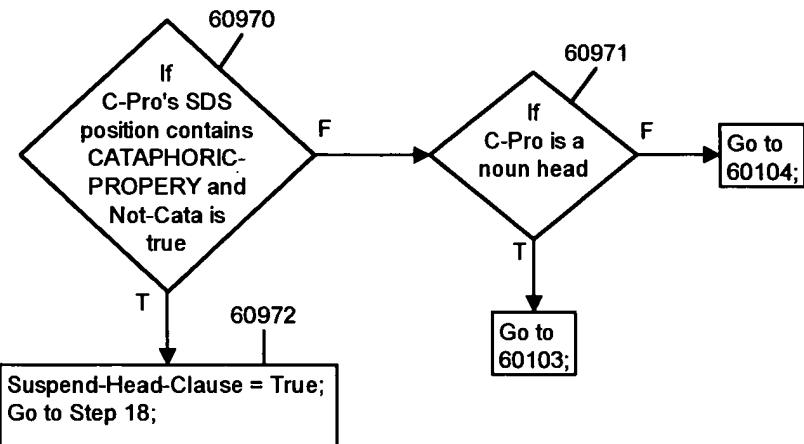
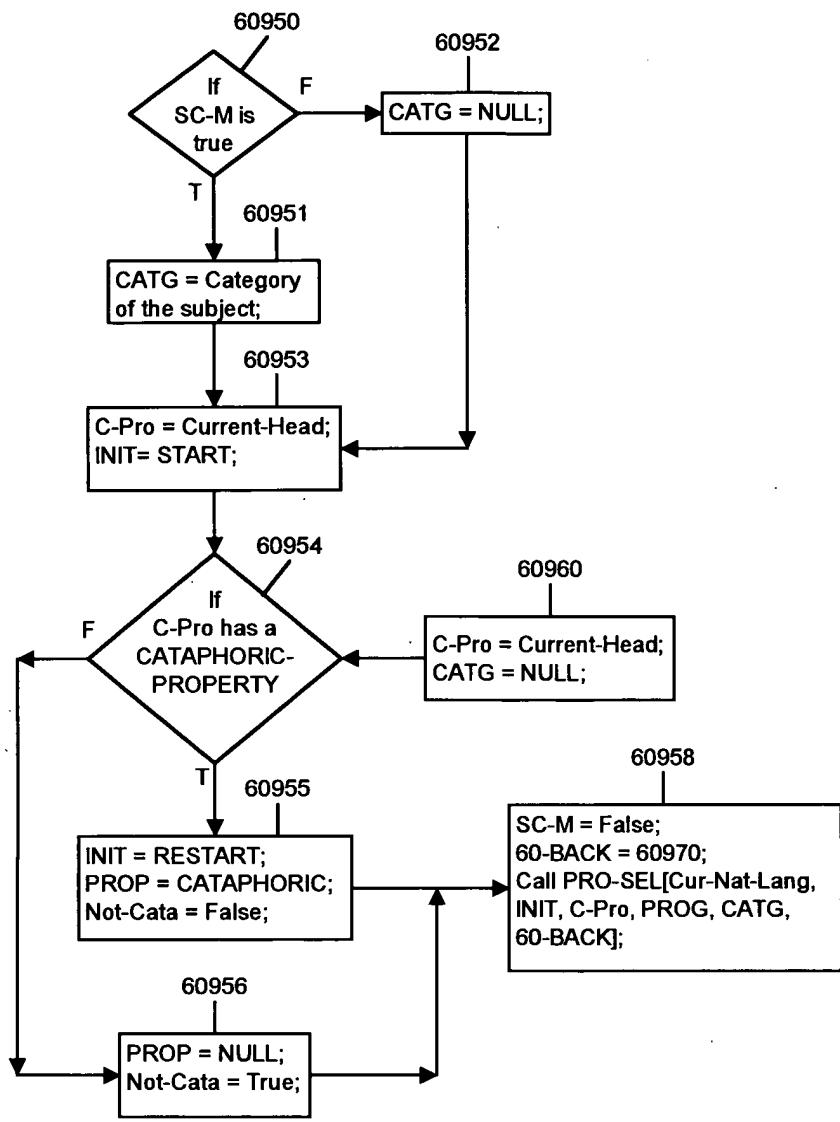


FIG. 17G

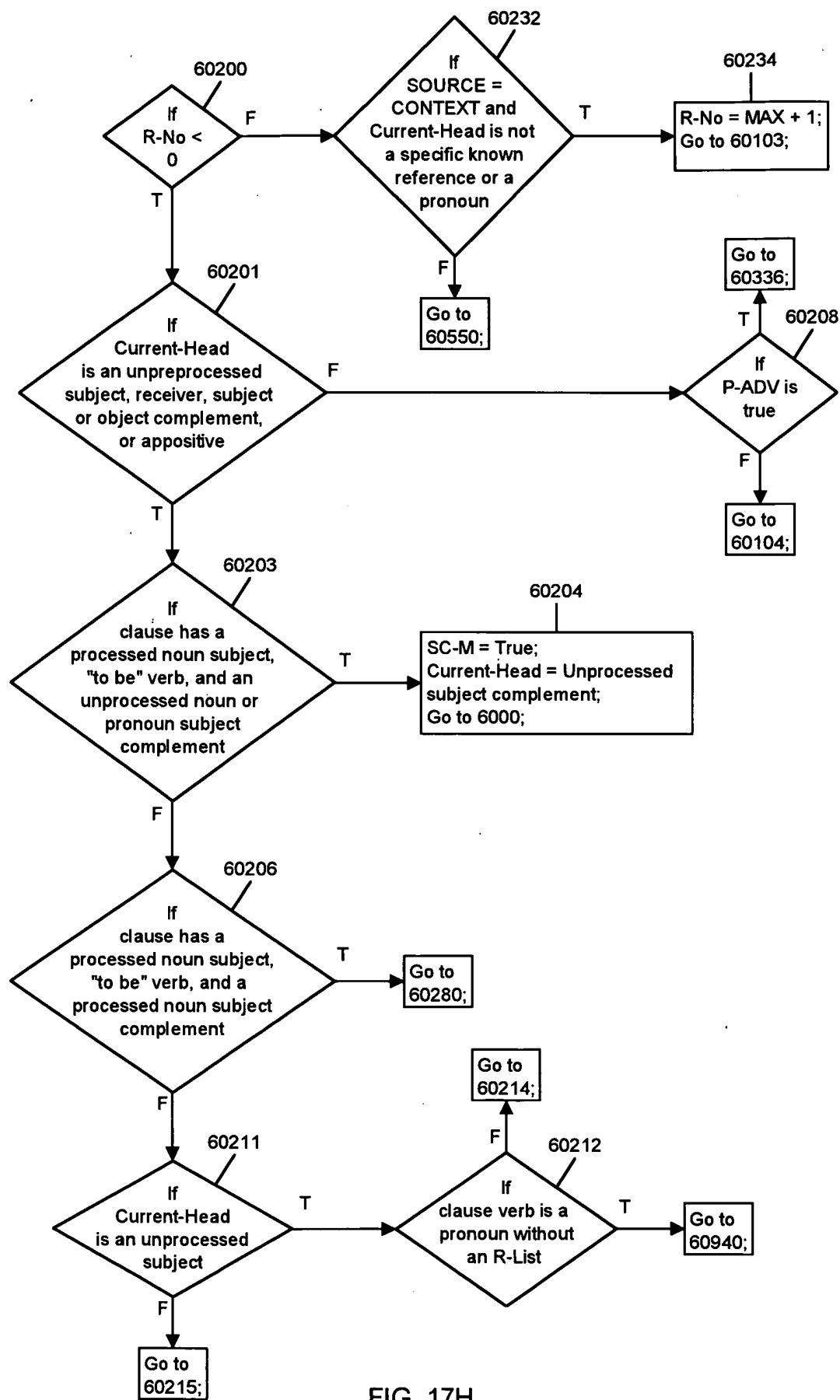


FIG. 17H

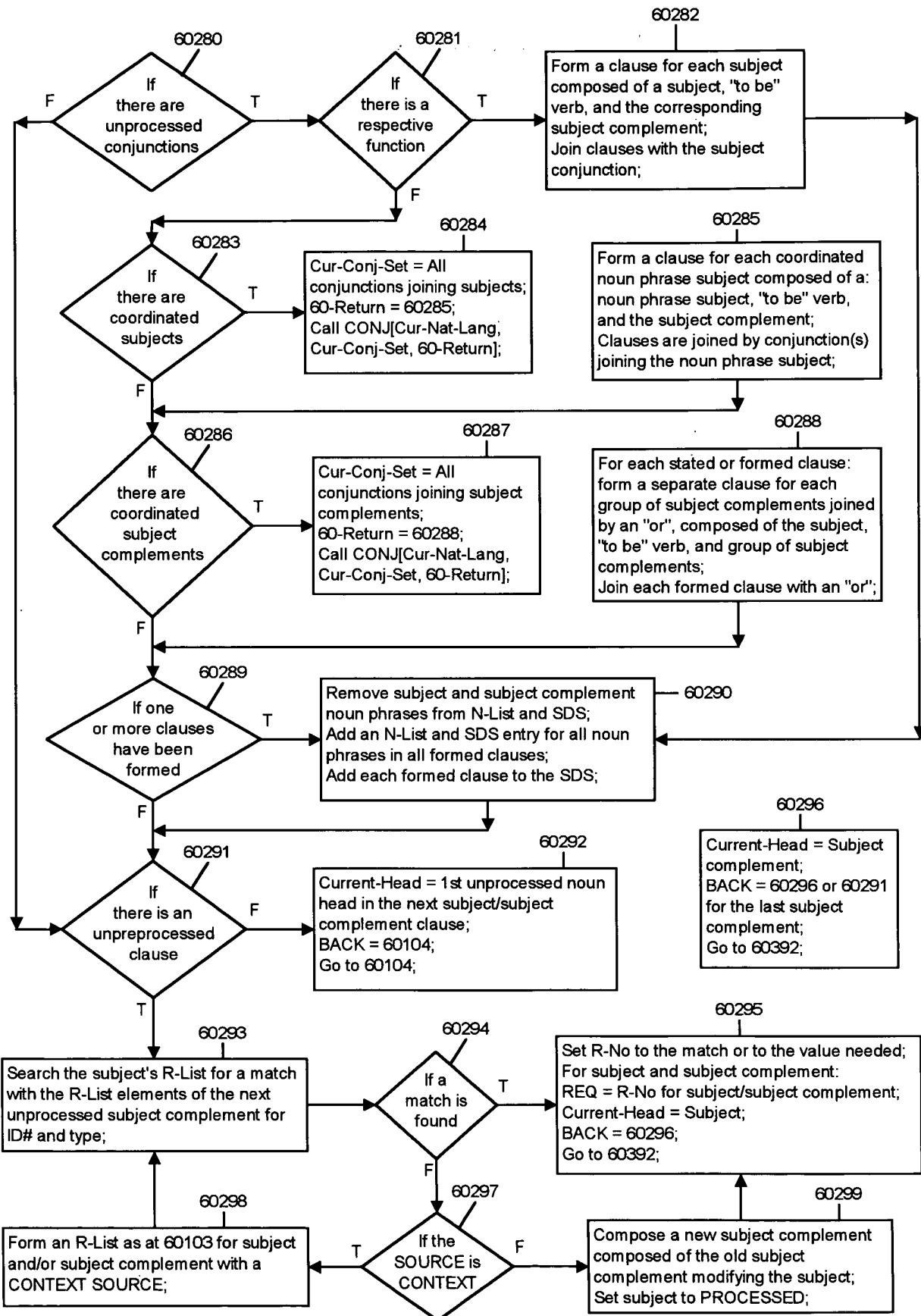


FIG. 17 I

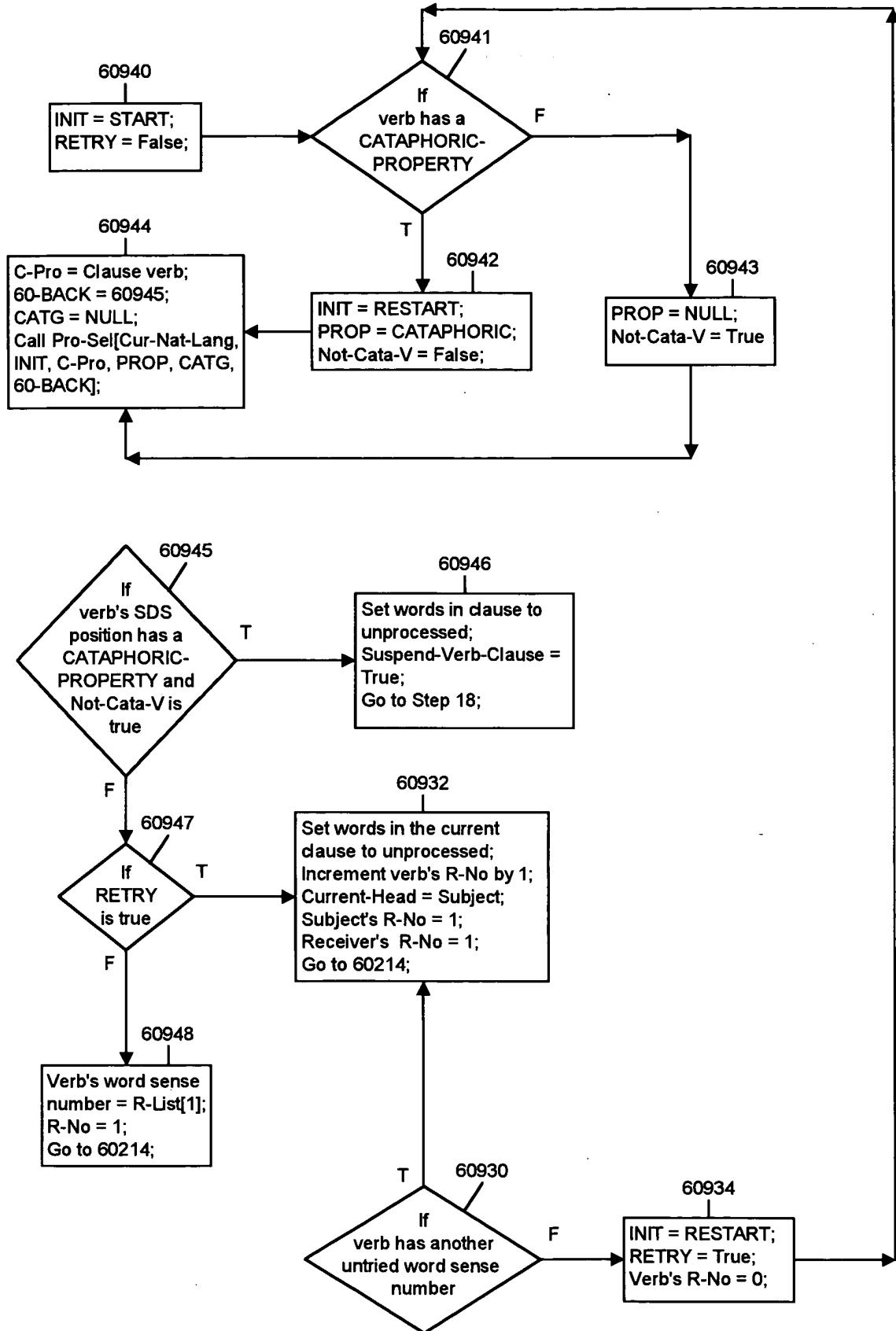


FIG. 17J

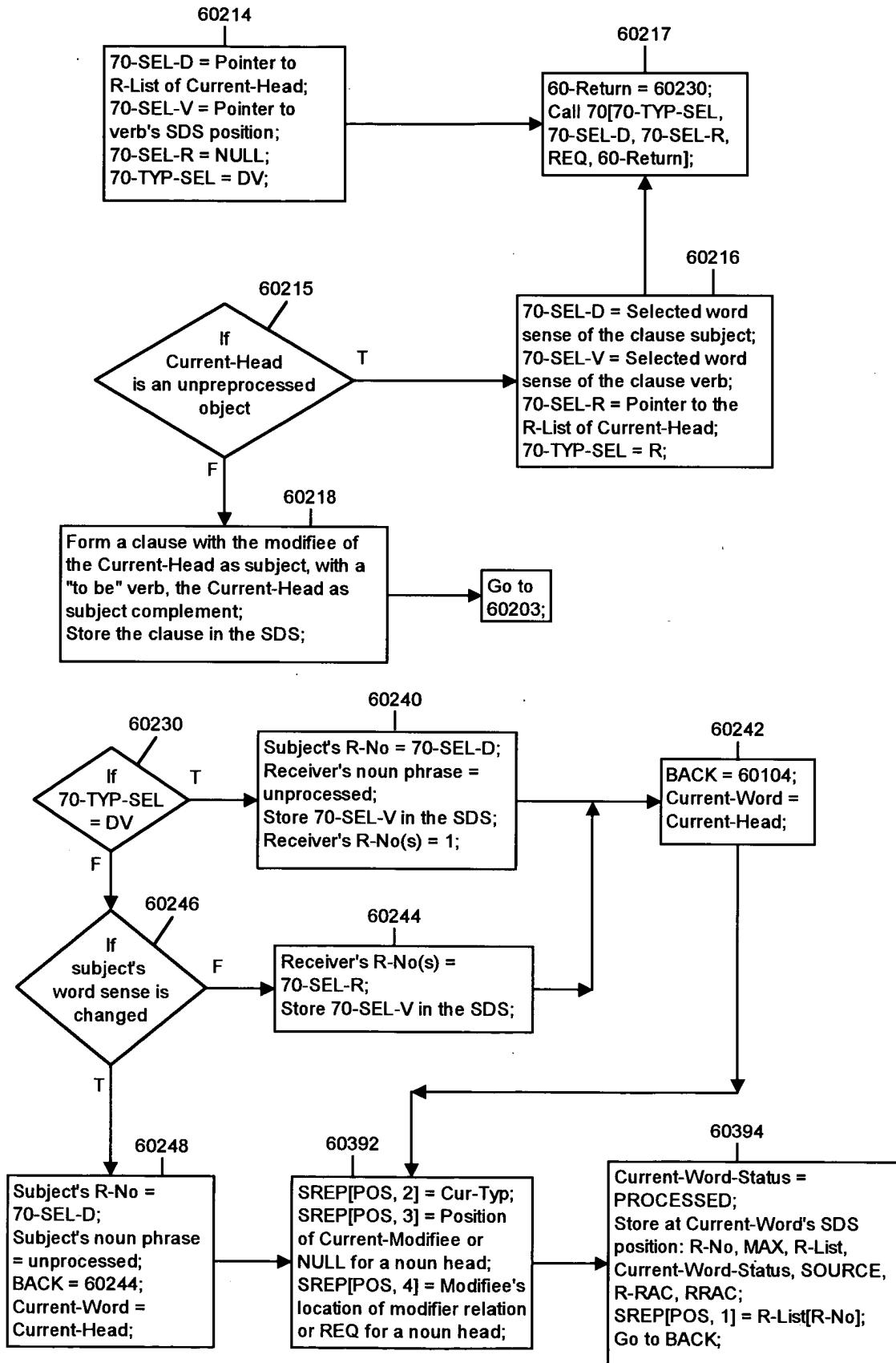


FIG. 17K

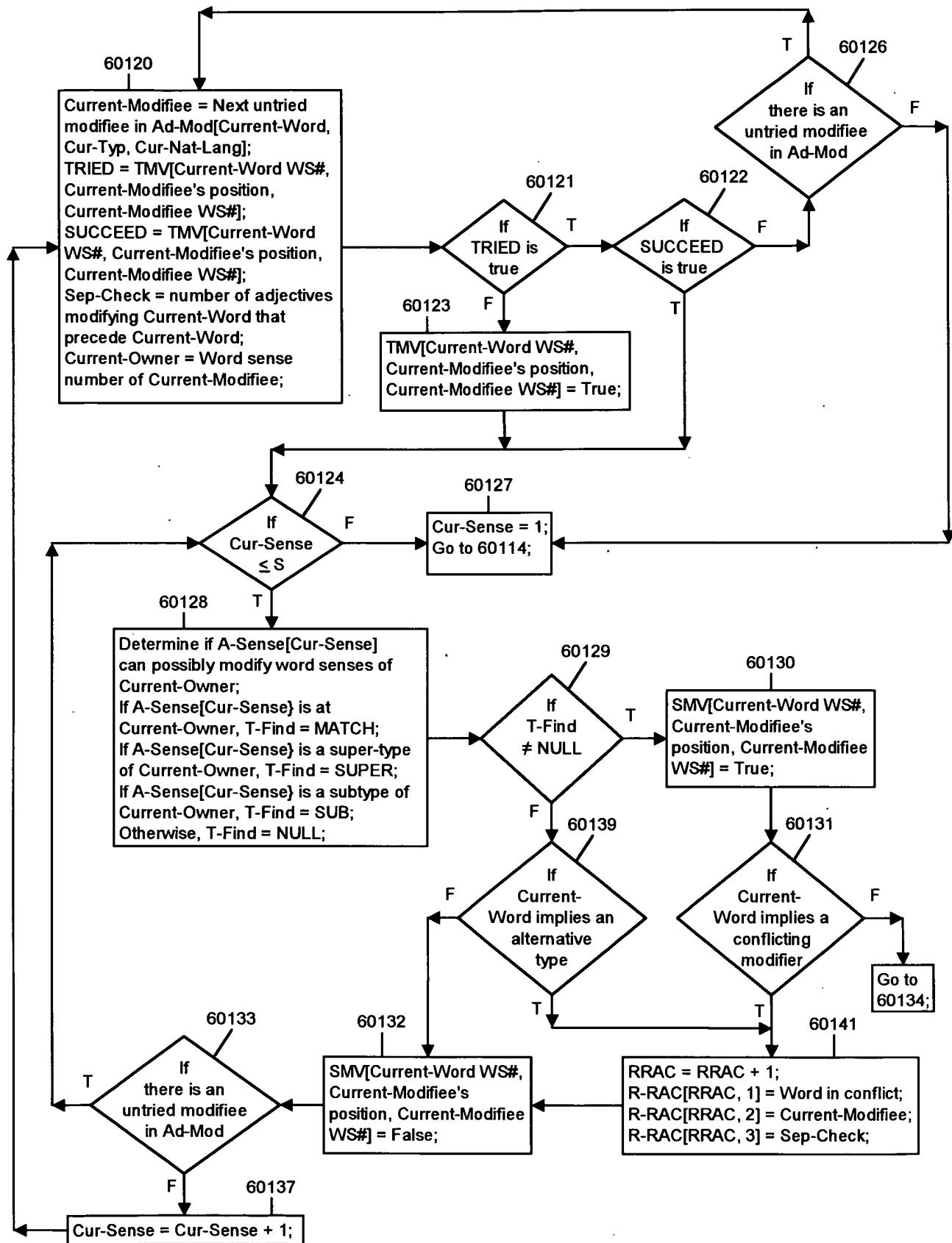


FIG. 17L

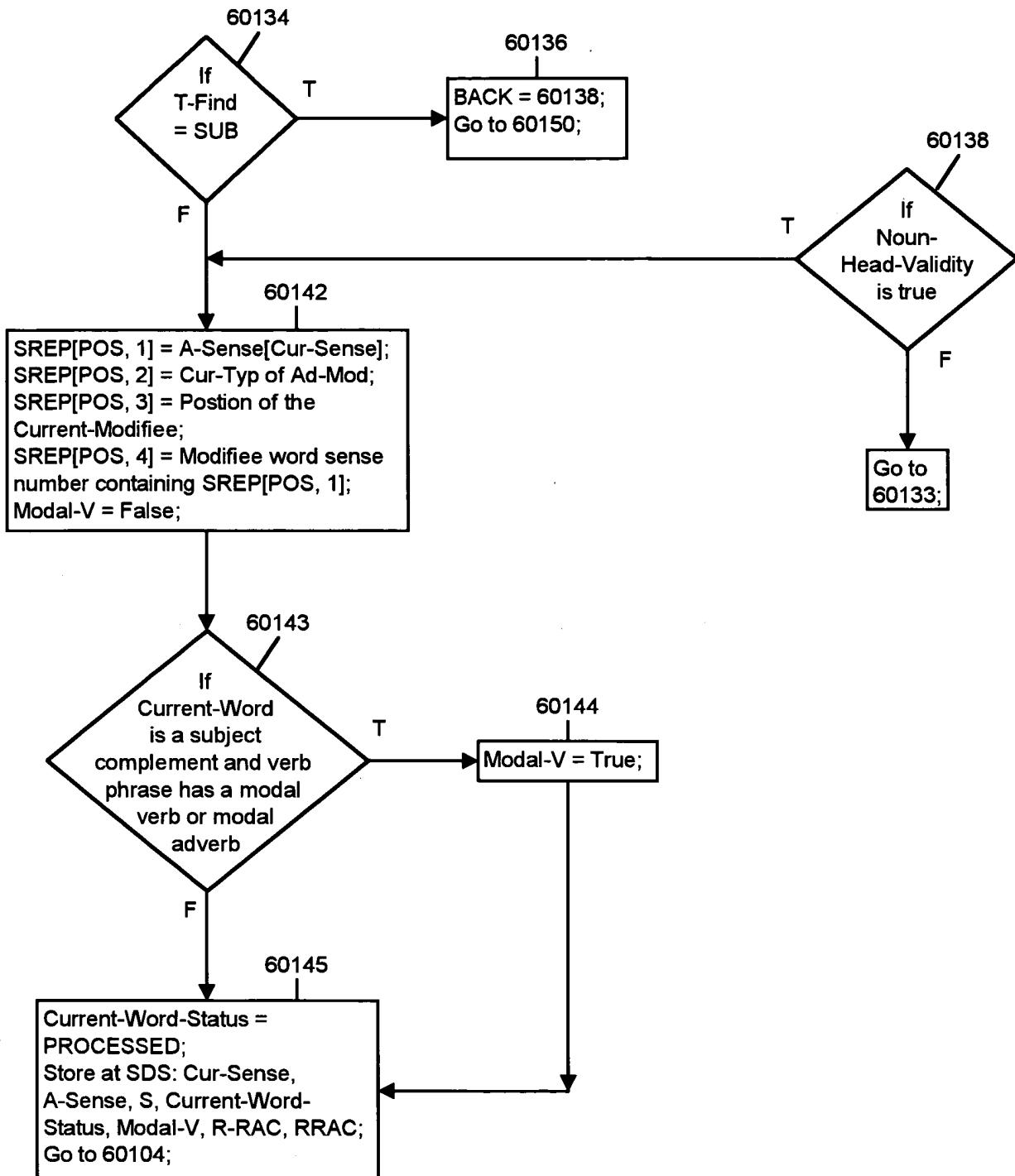


FIG. 17M

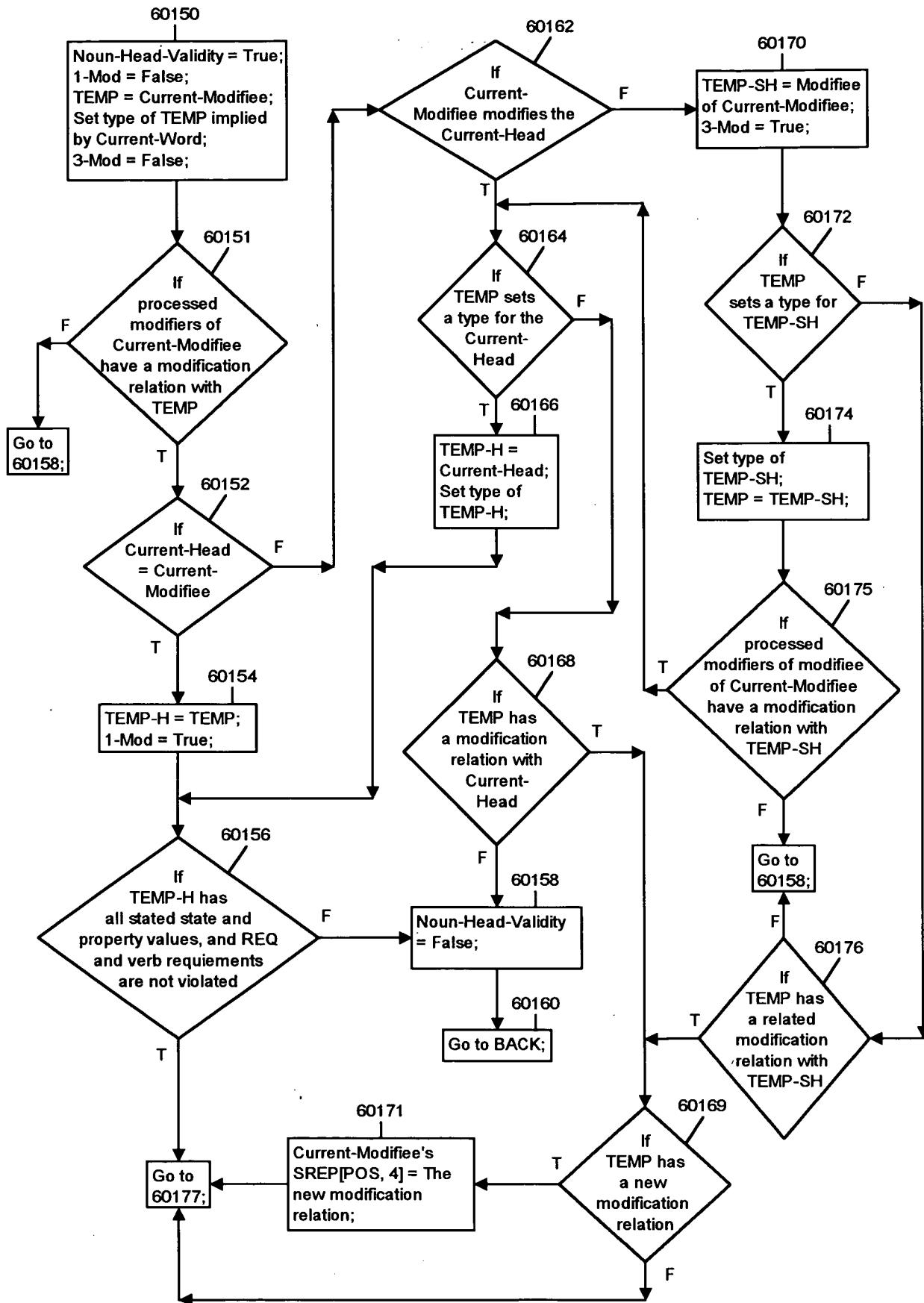


FIG 17N

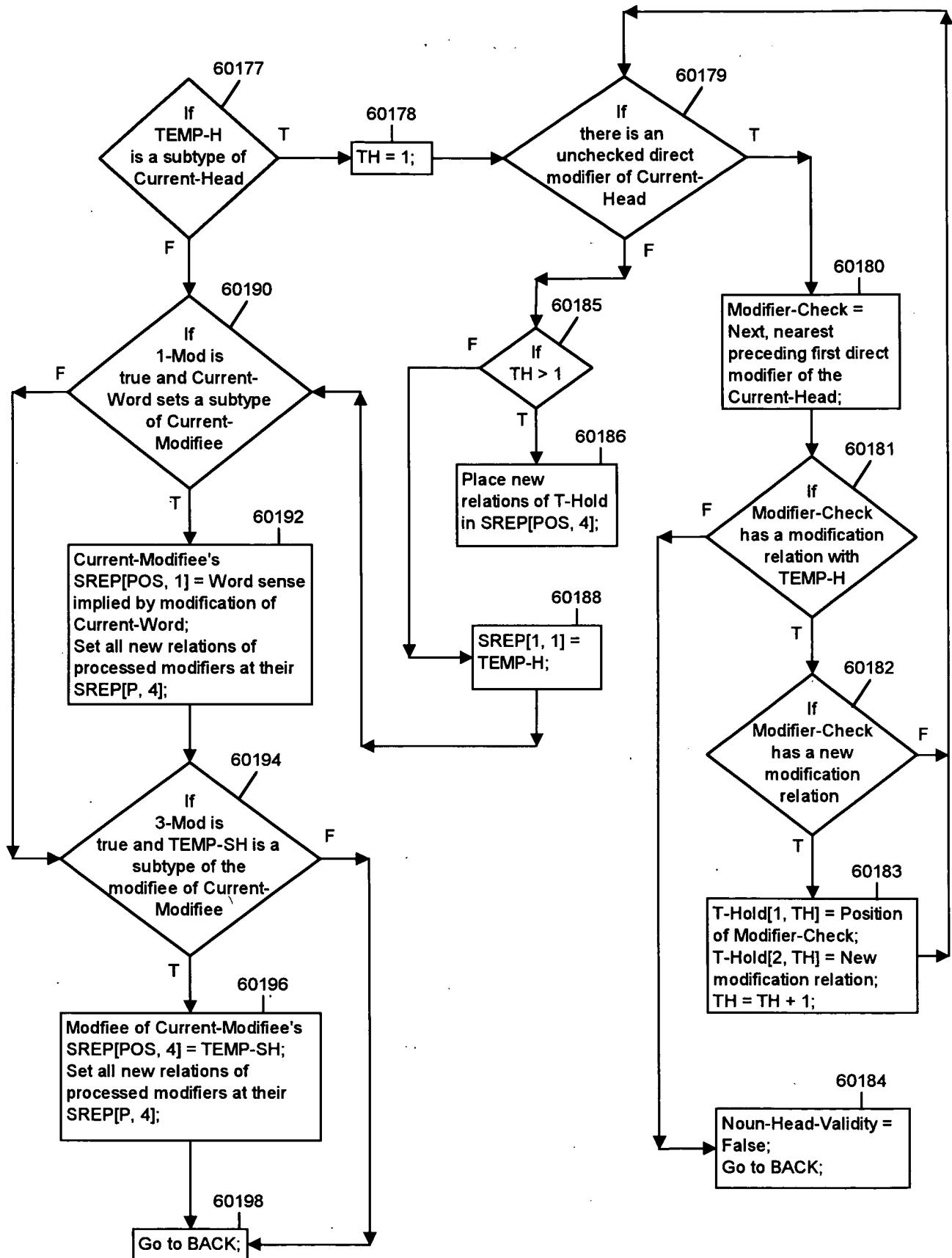


FIG. 170

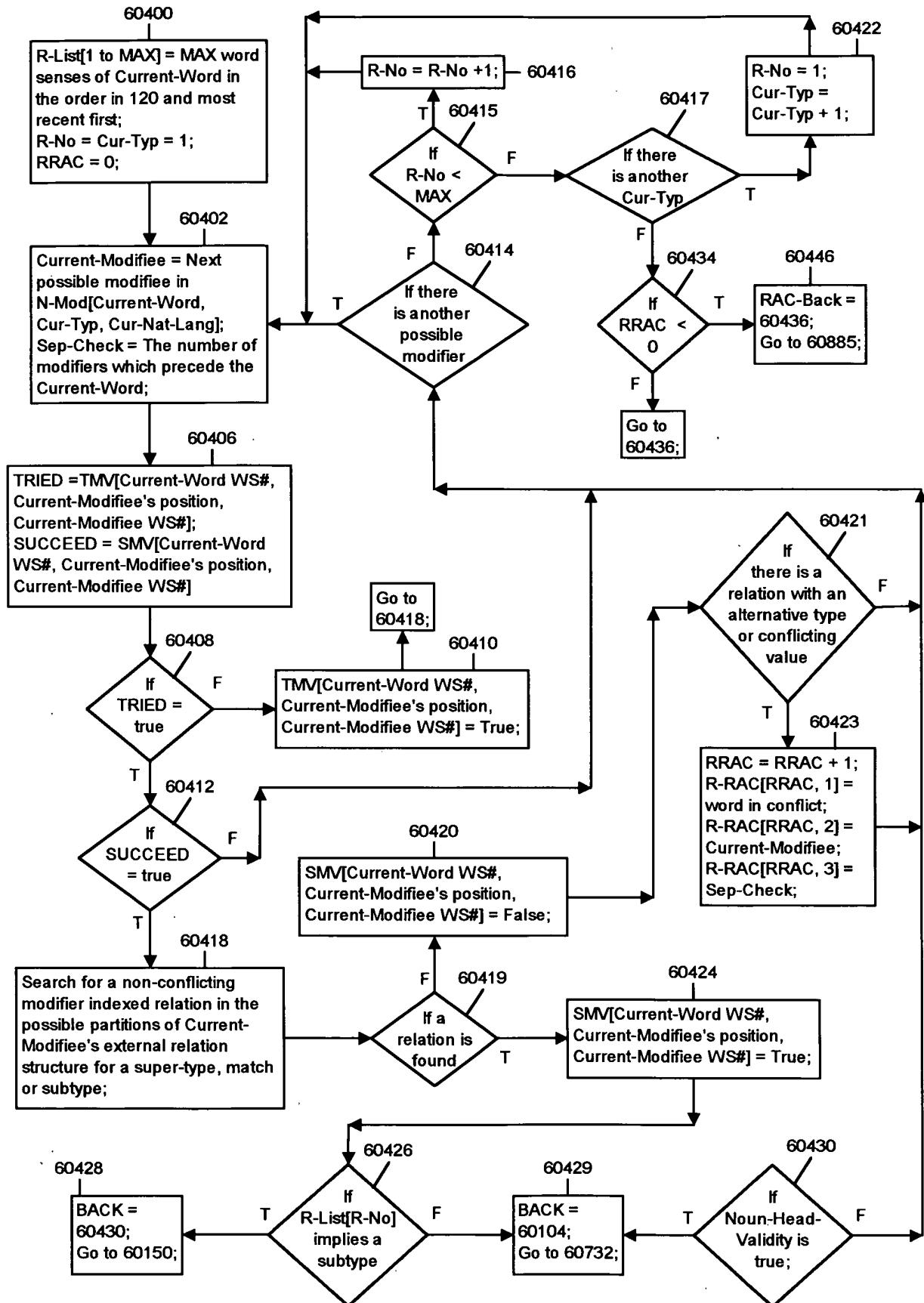


FIG. 17P

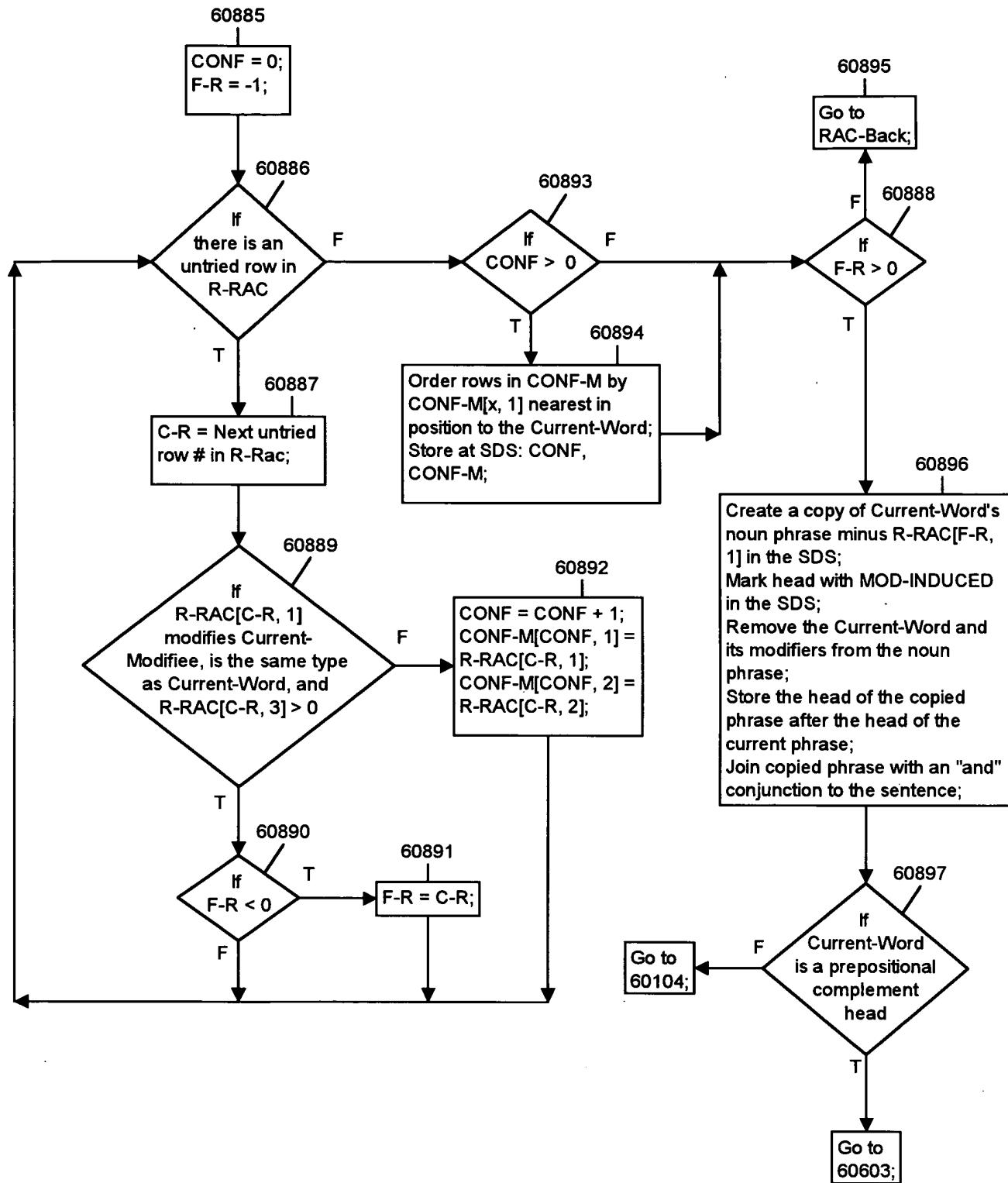


FIG. 17Q

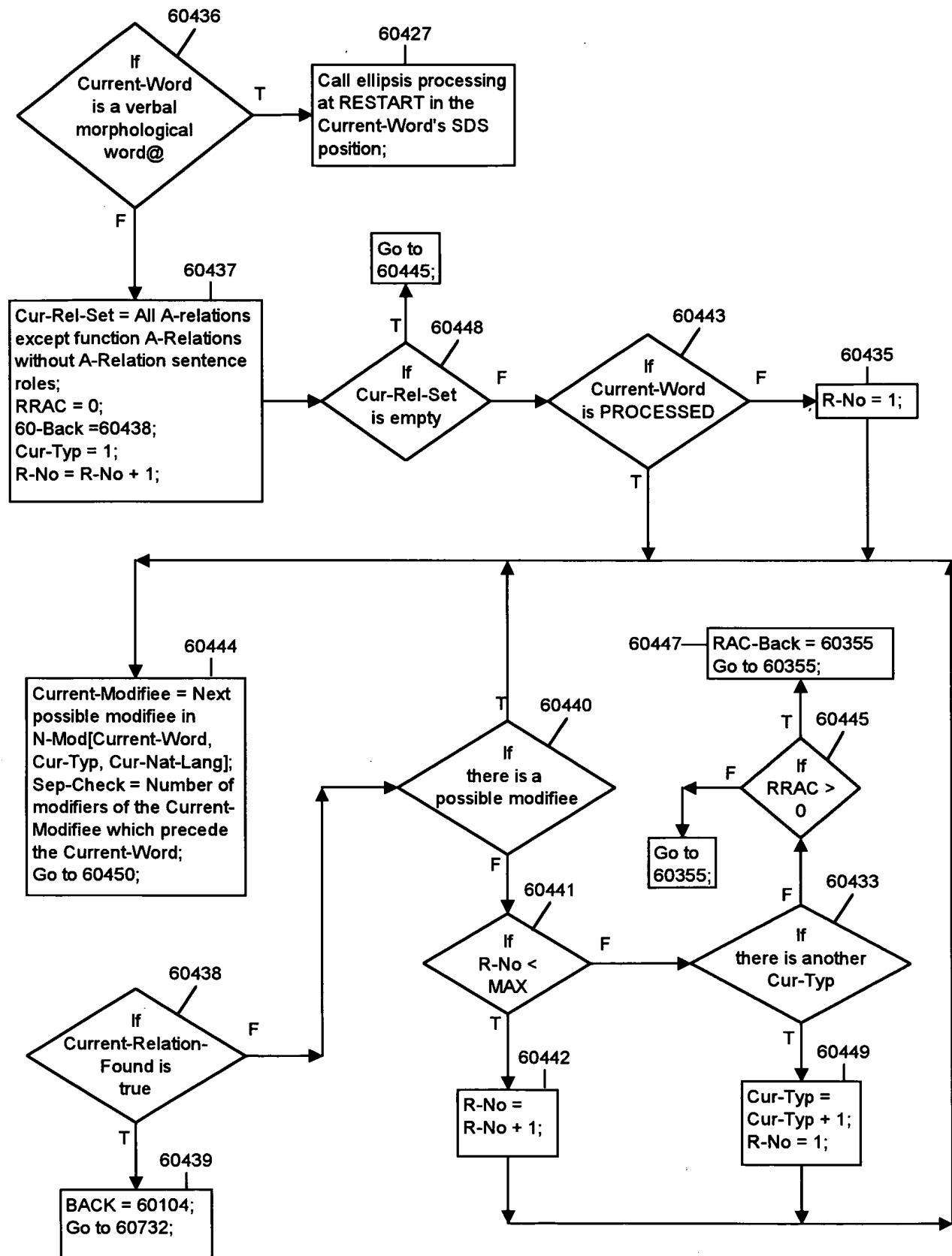


FIG. 17R

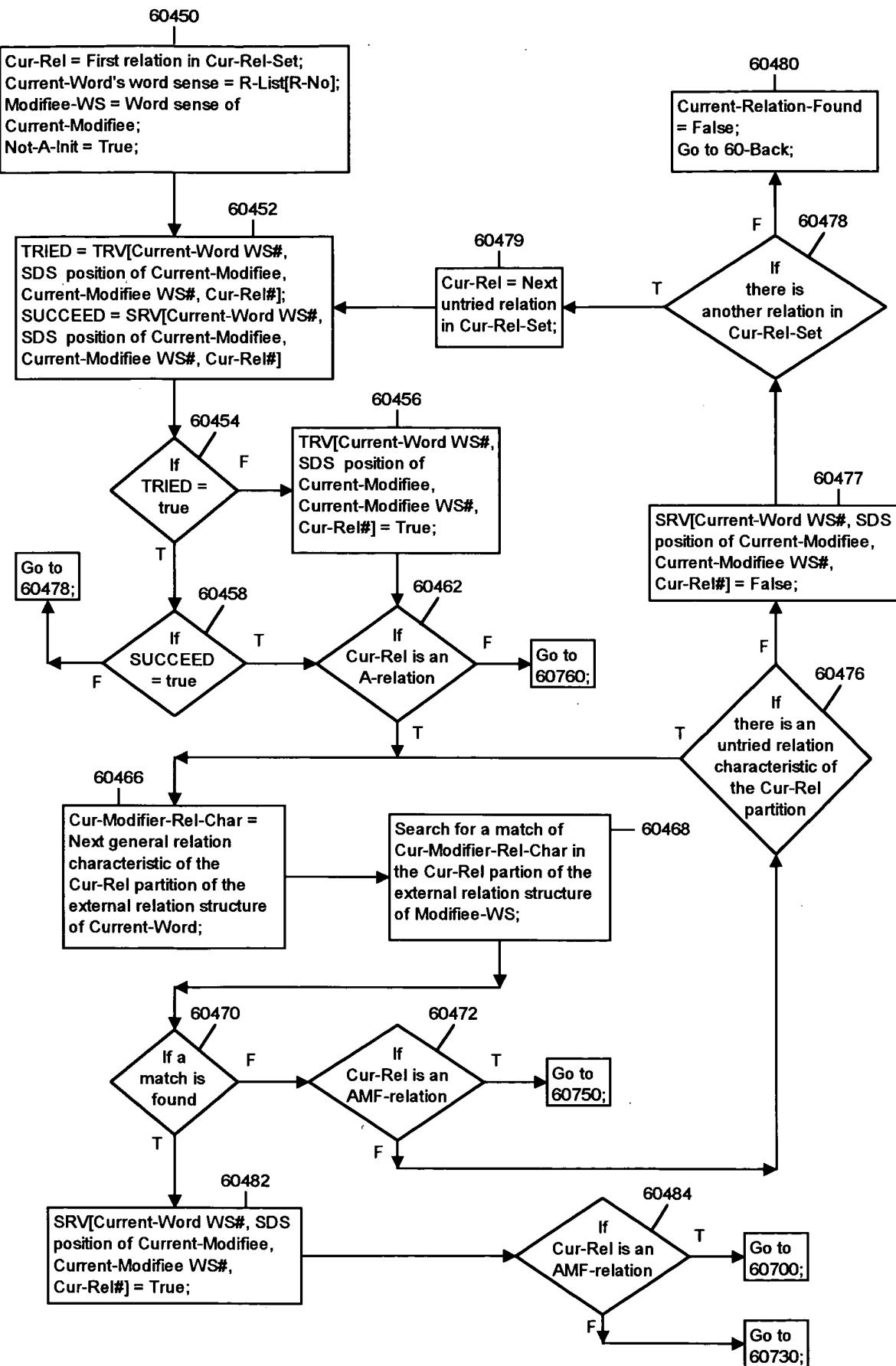


FIG. 17S

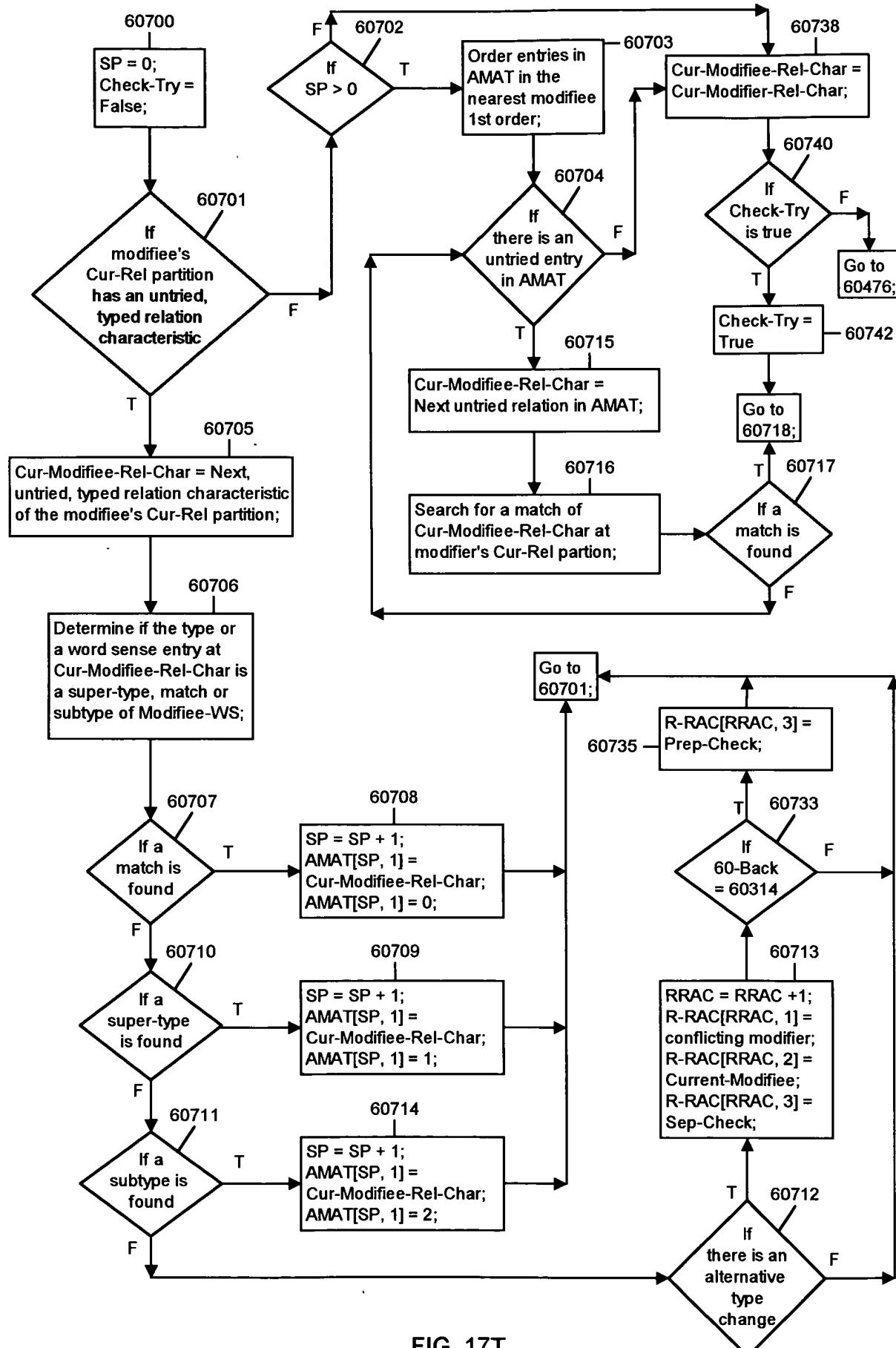


FIG. 17T

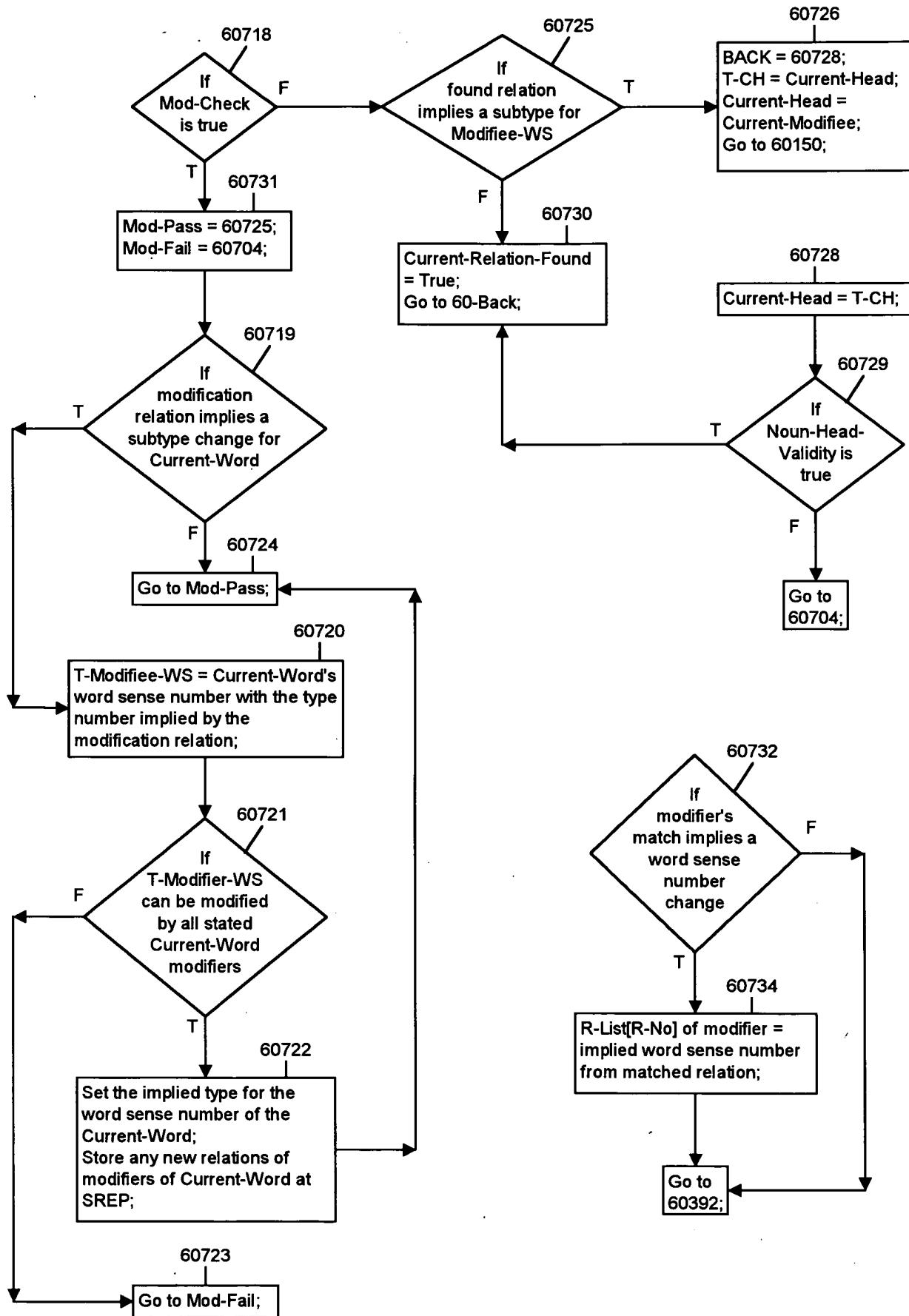


FIG. 17U

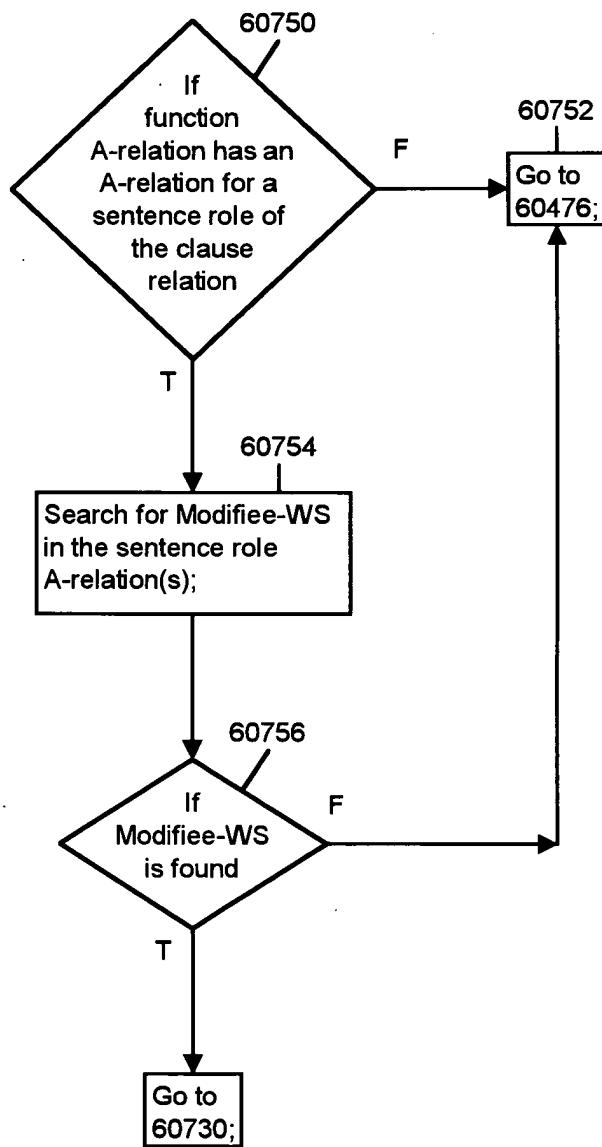


FIG. 17V

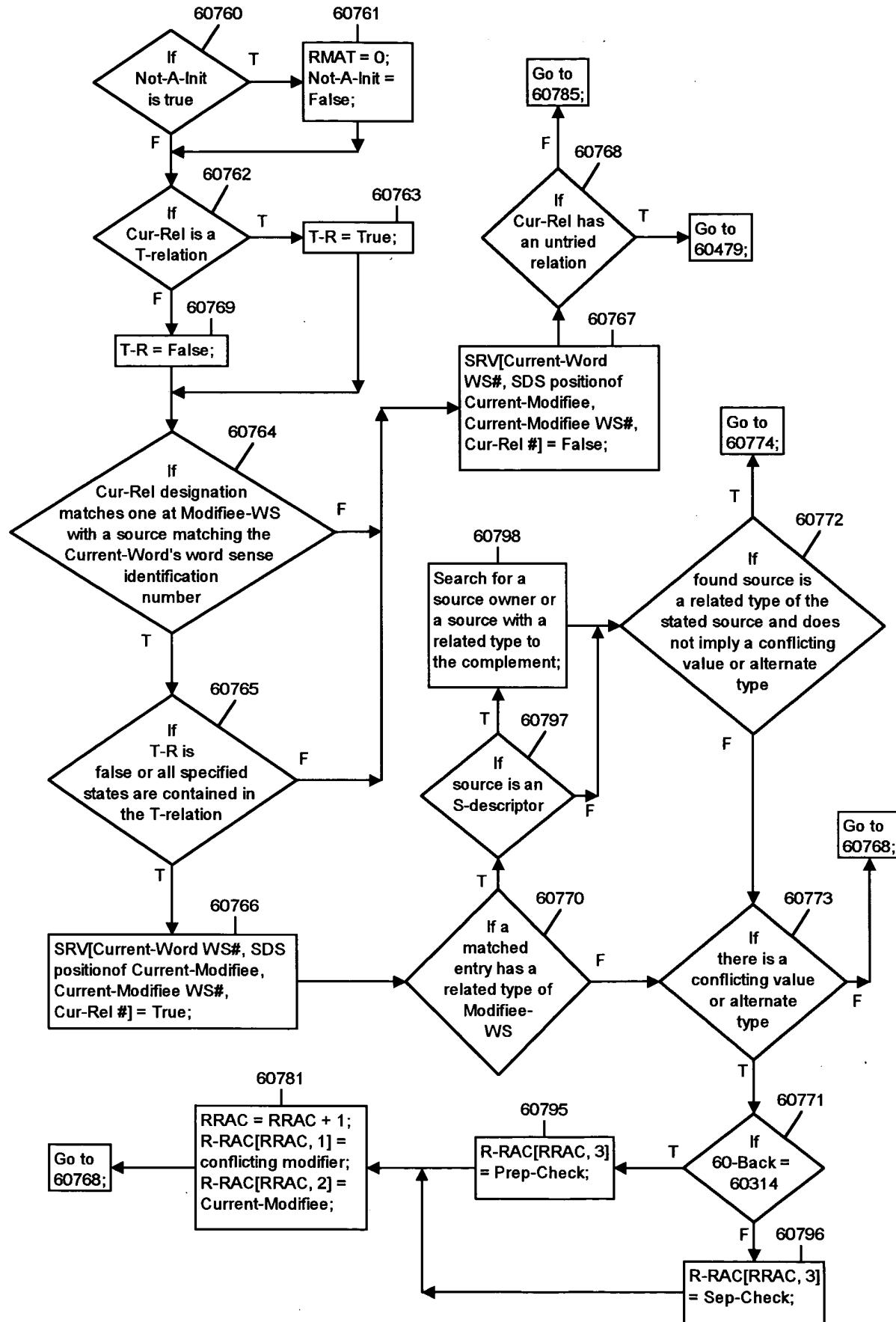


FIG. 17W

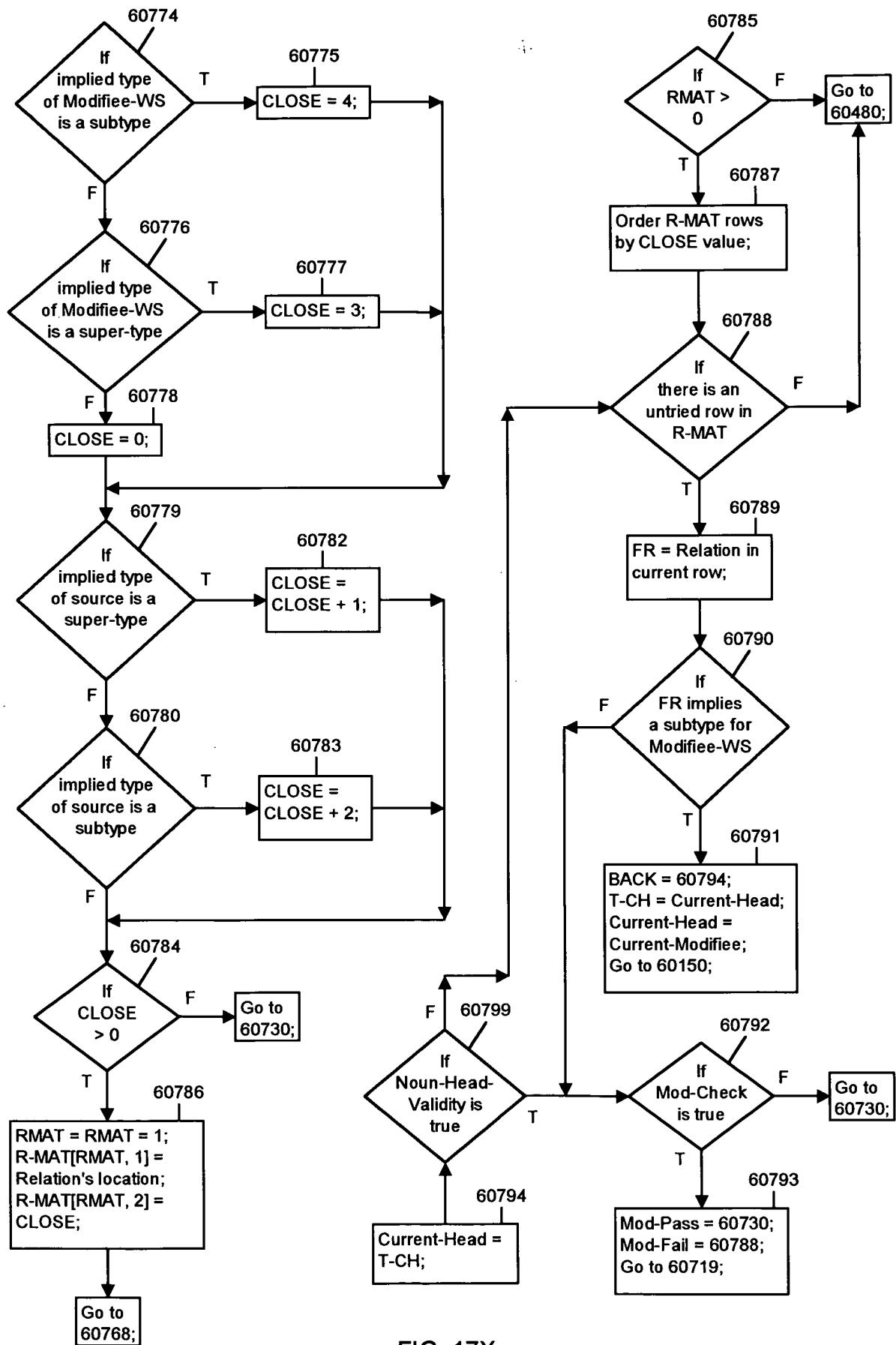


FIG. 17X

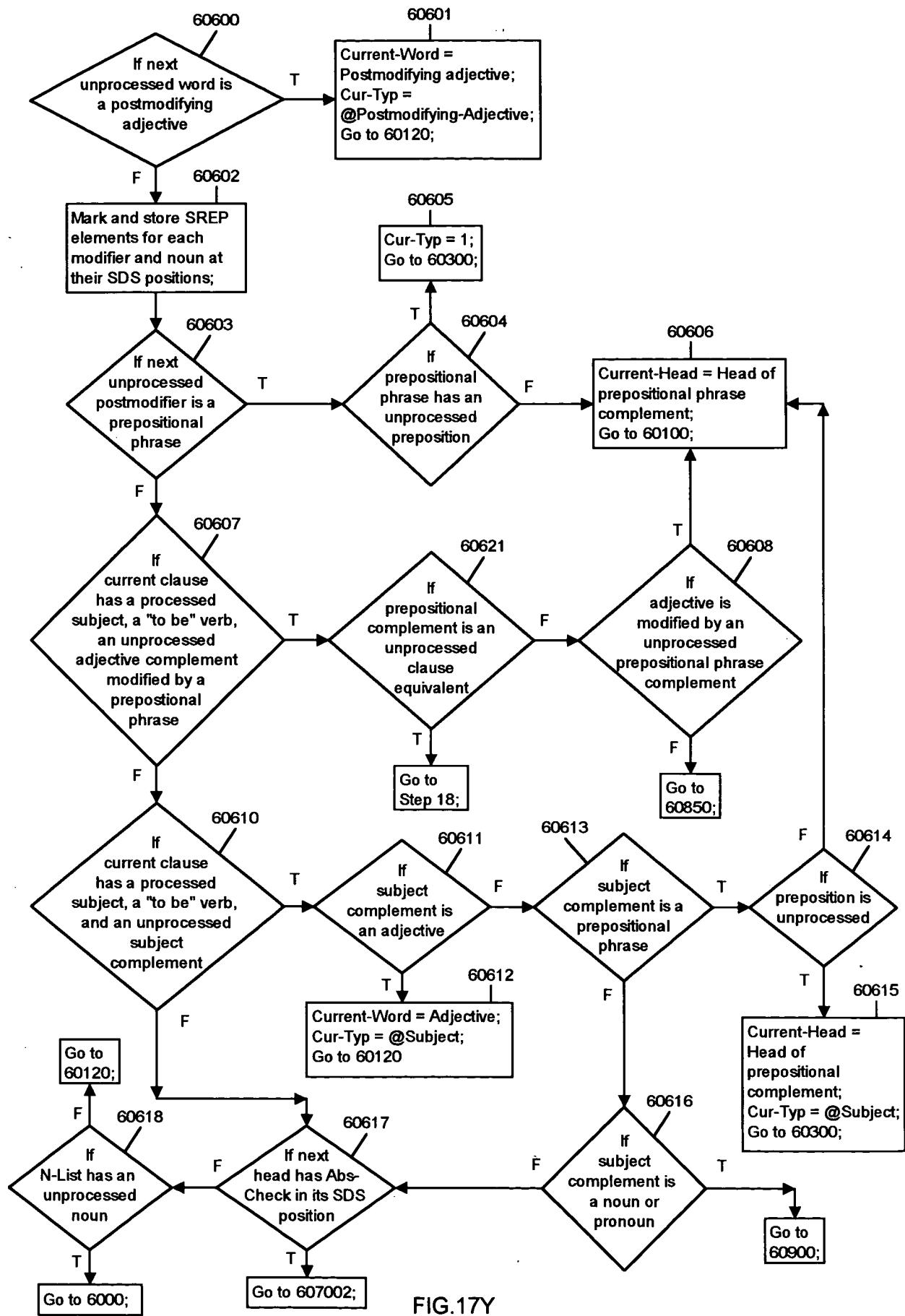


FIG.17Y

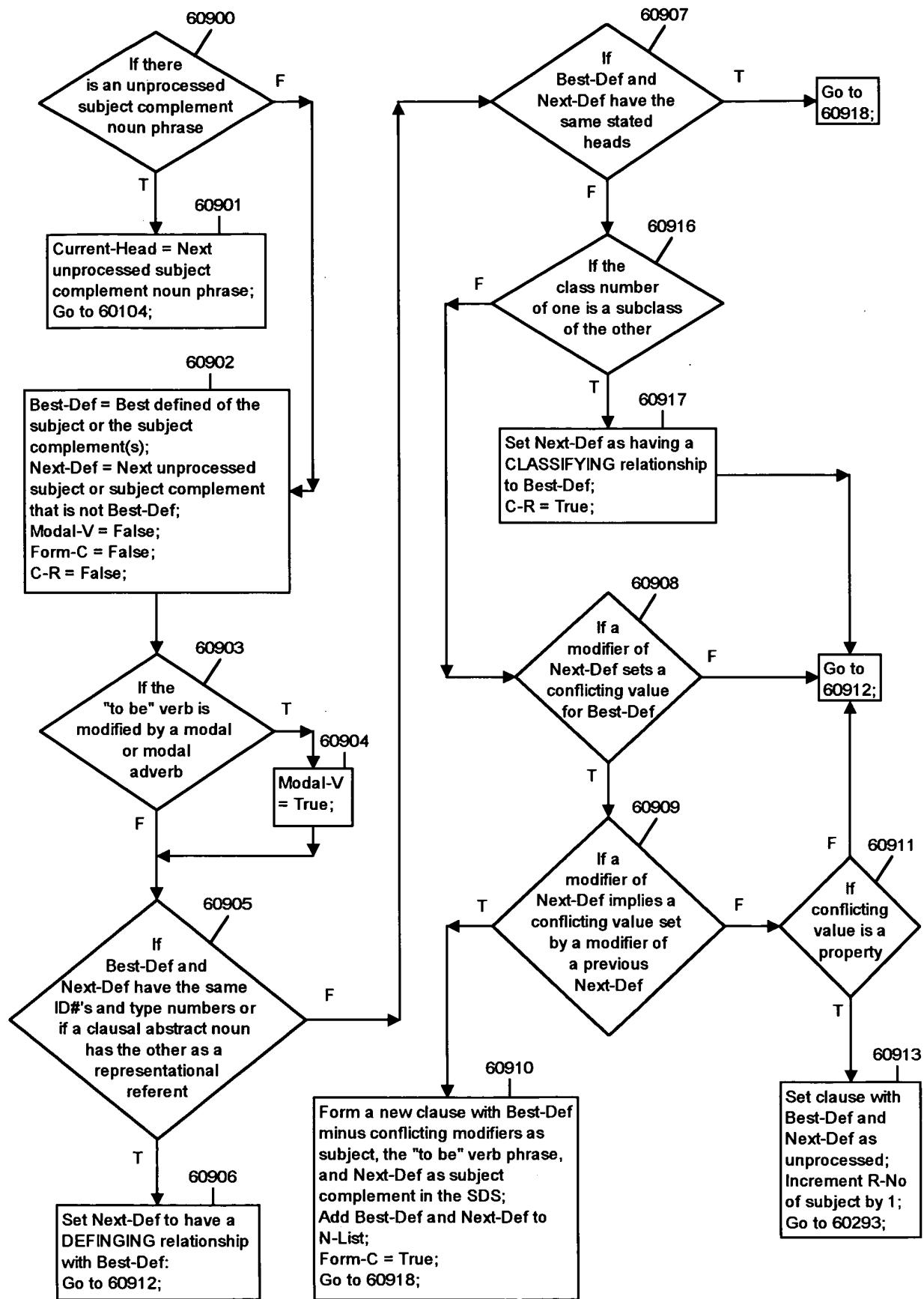


FIG. 17Z

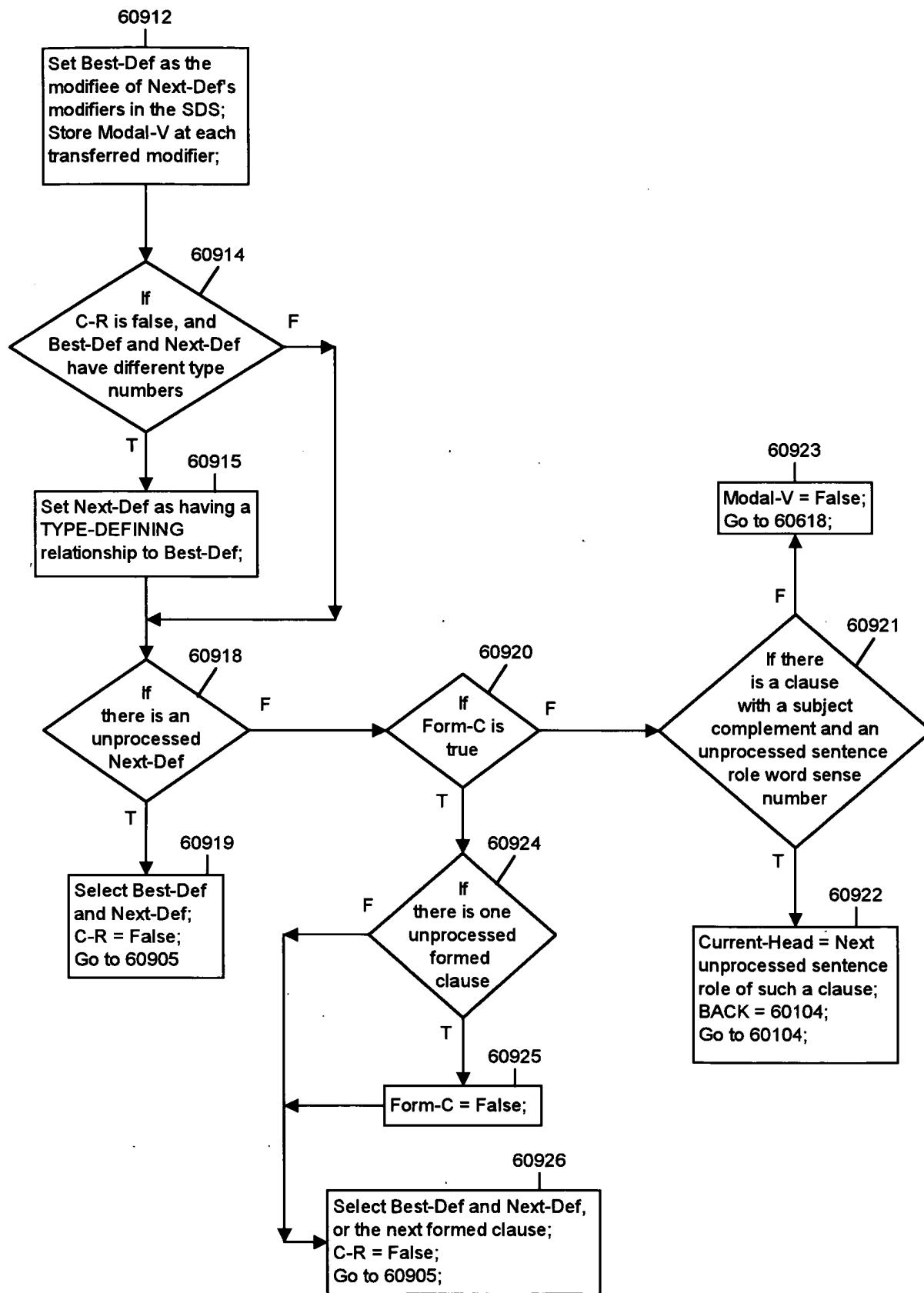


FIG. 17AA

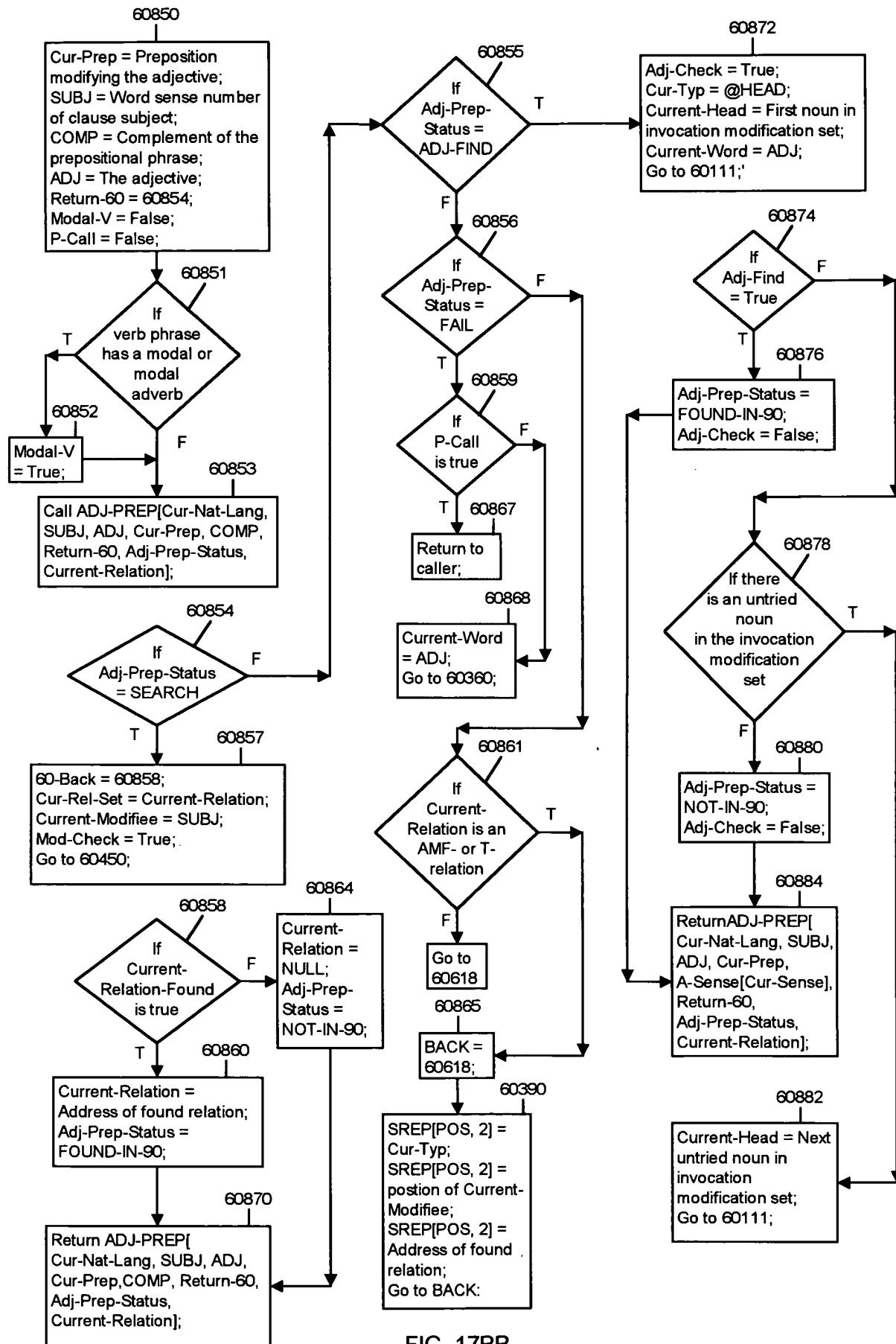


FIG. 17BB

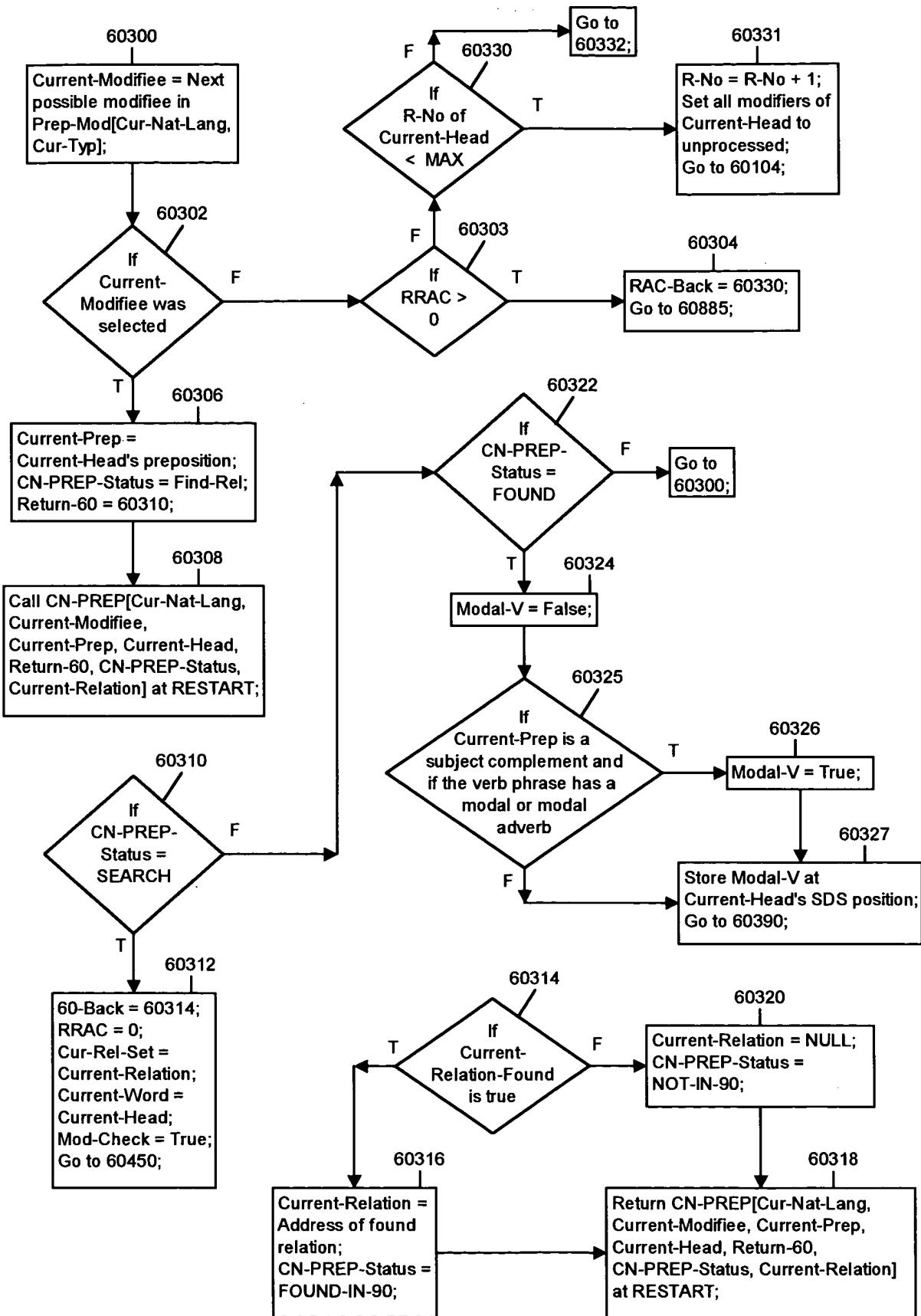


FIG. 17CC

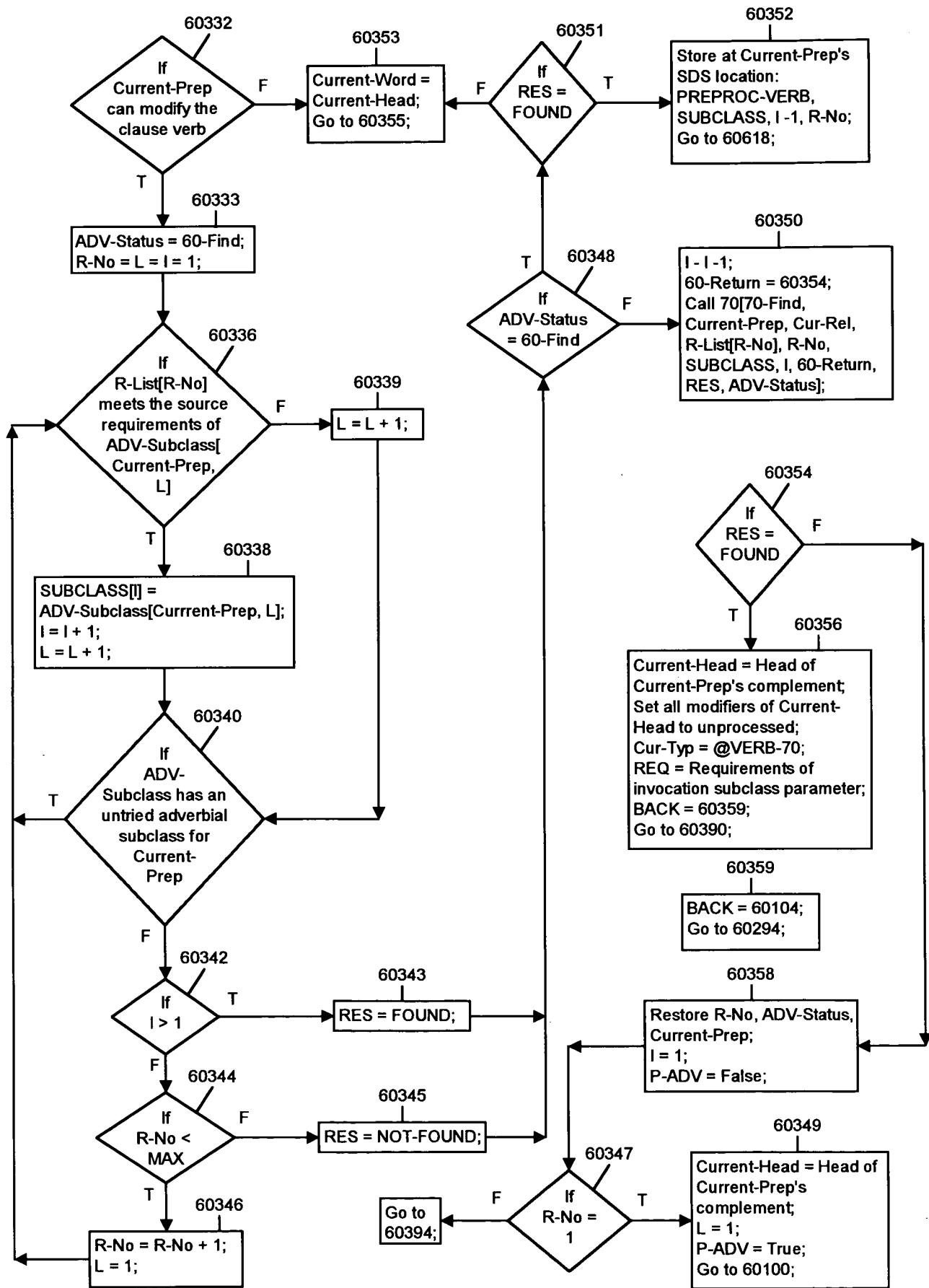
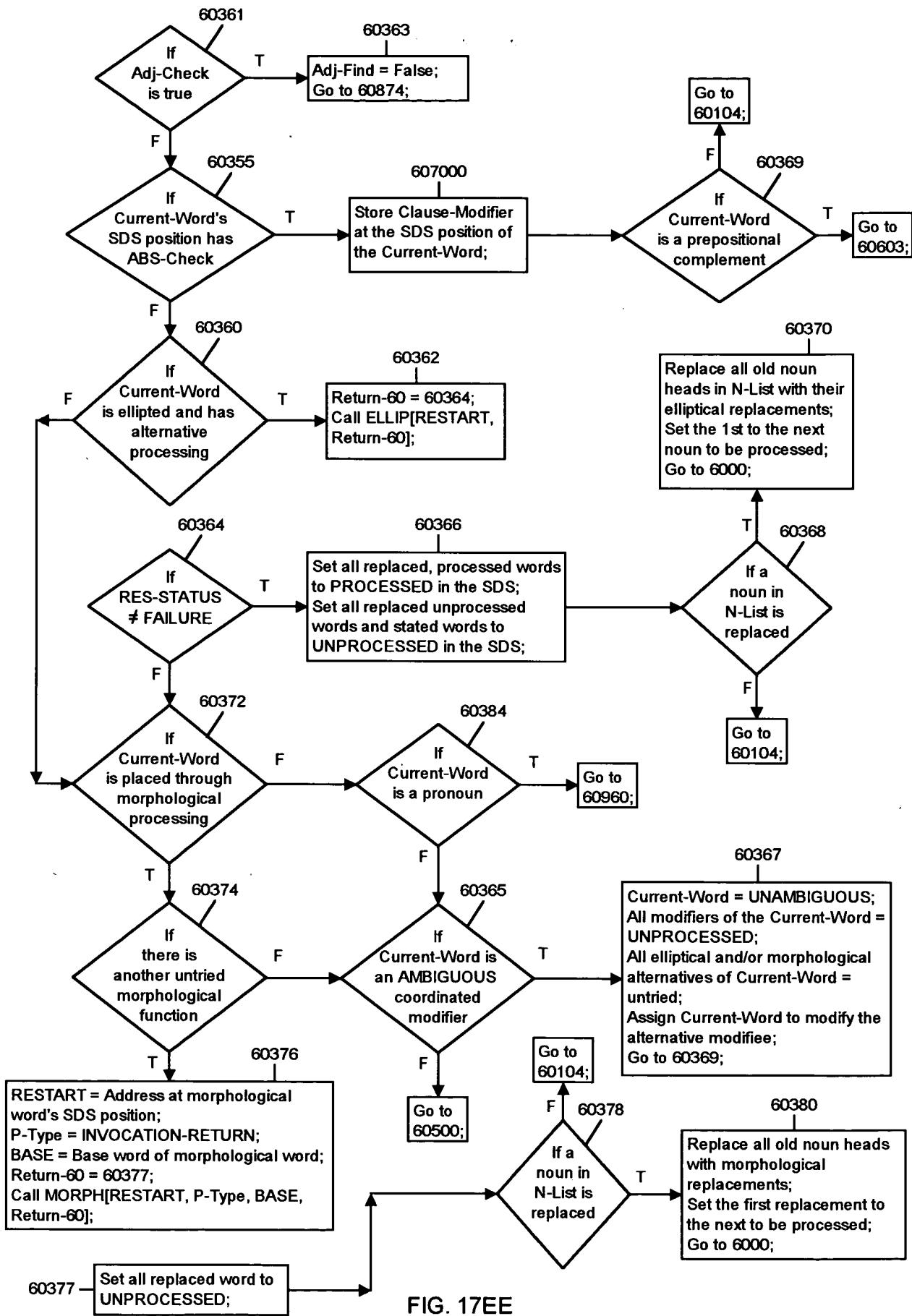


FIG. 17DD



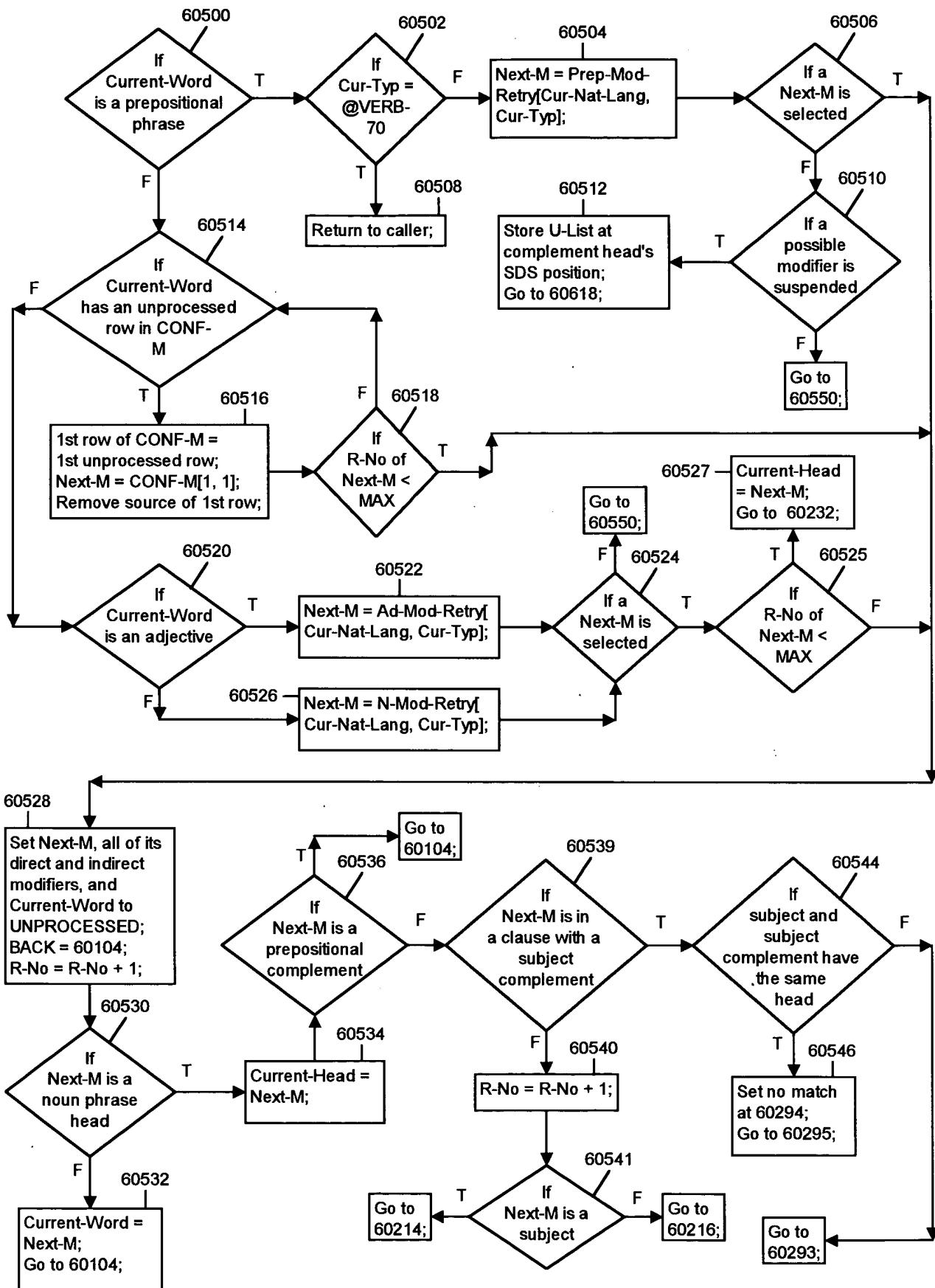


FIG. 17FF

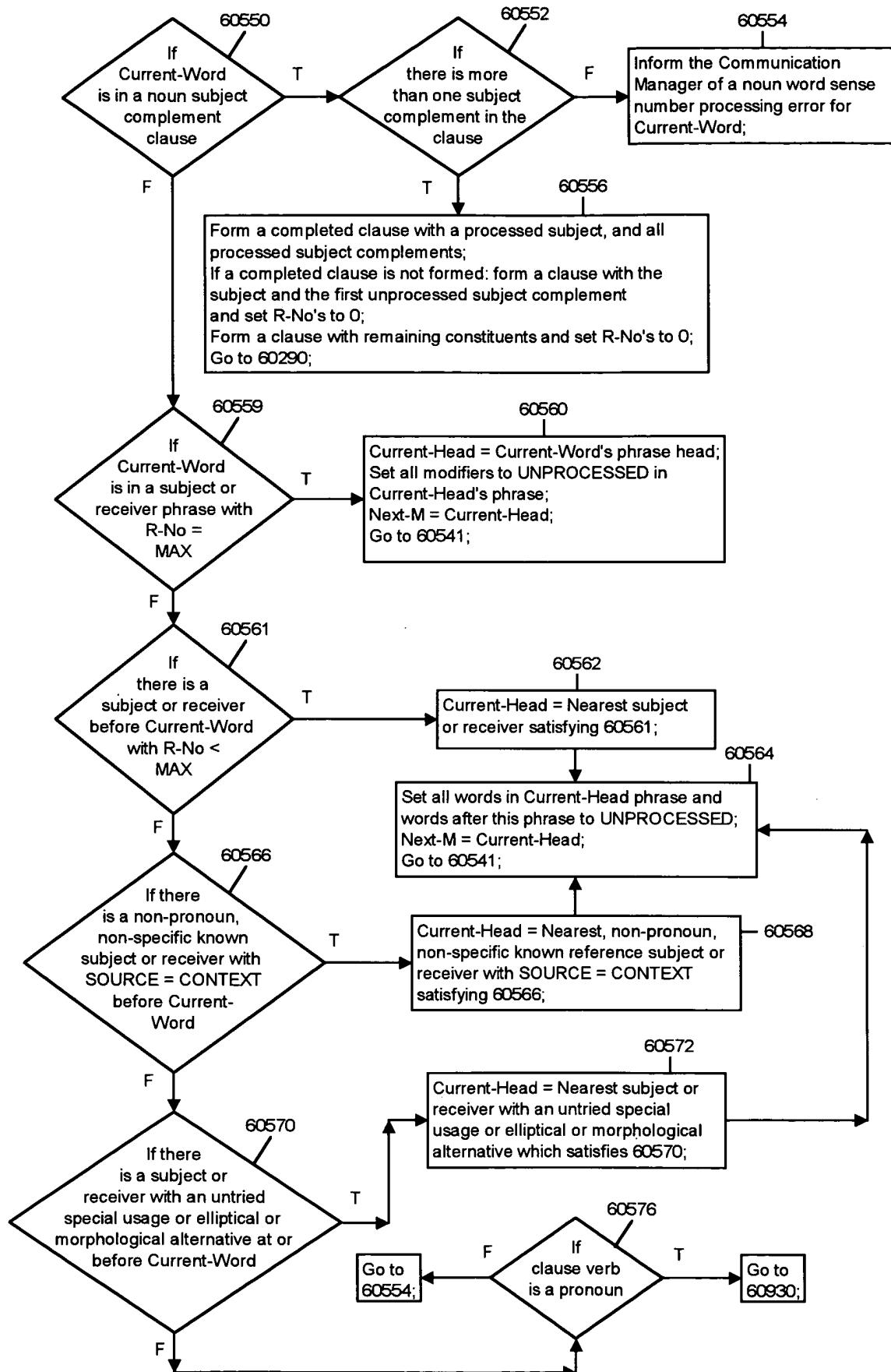


FIG. 17GG

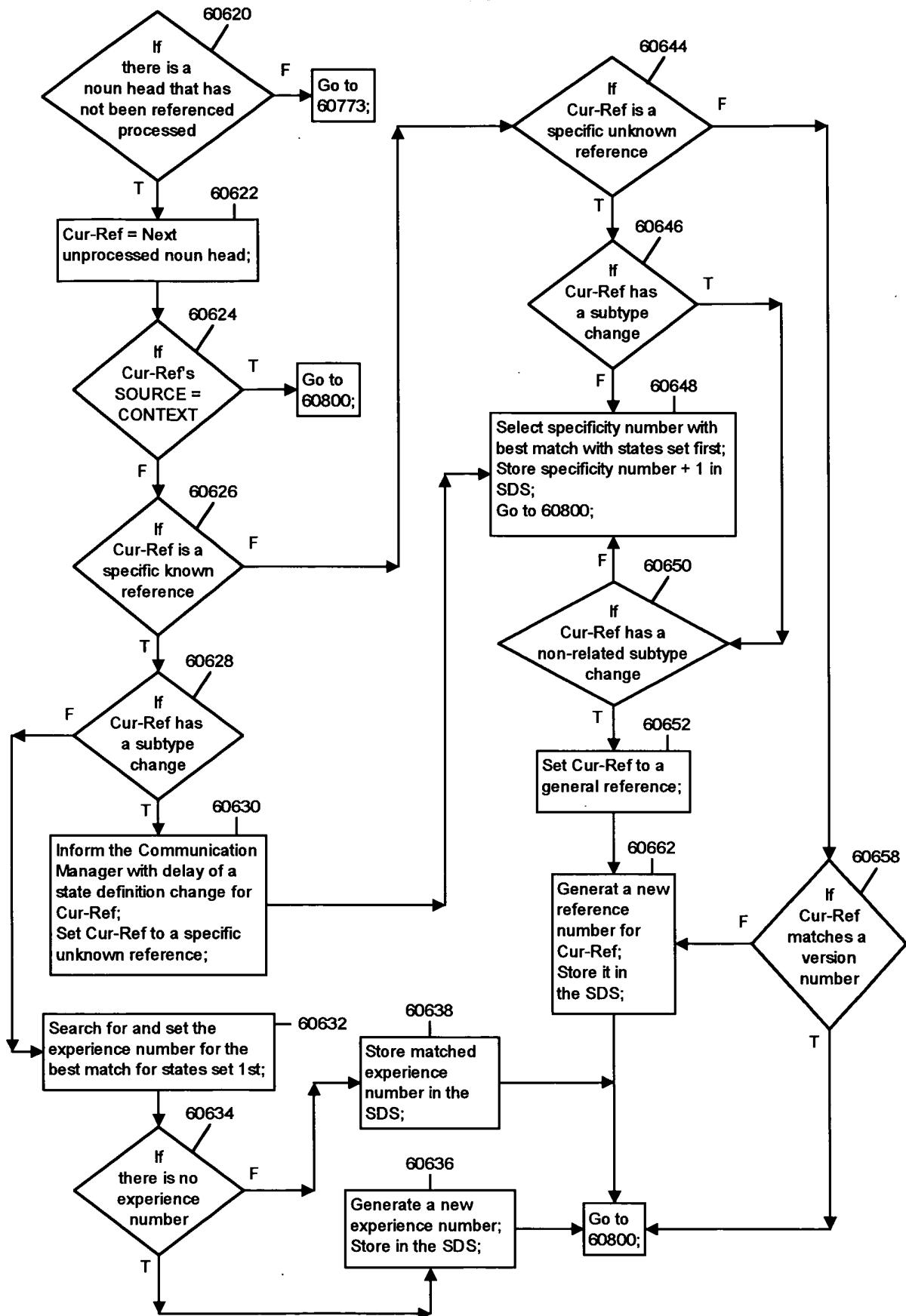


FIG. 17HH

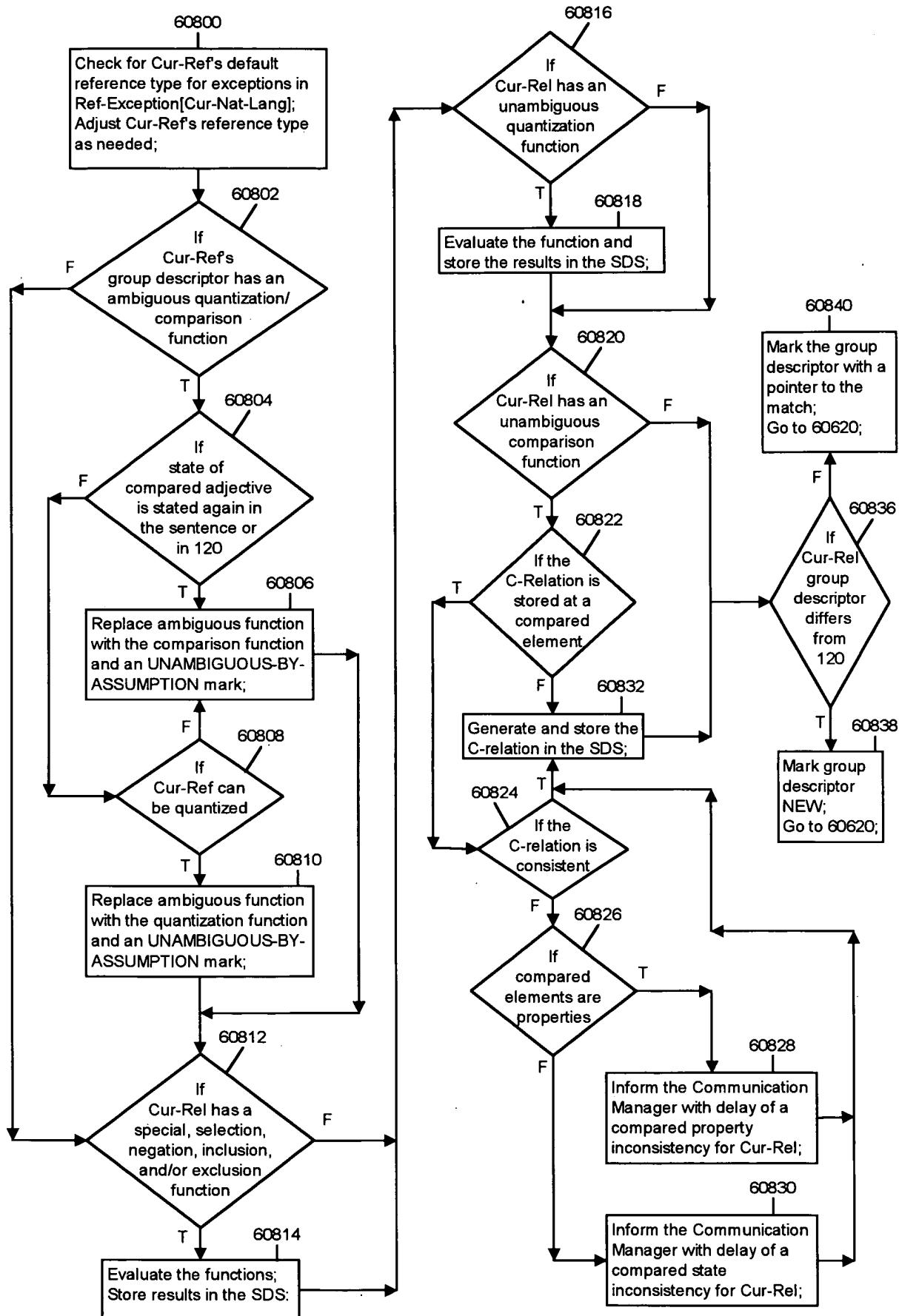


FIG. 17II

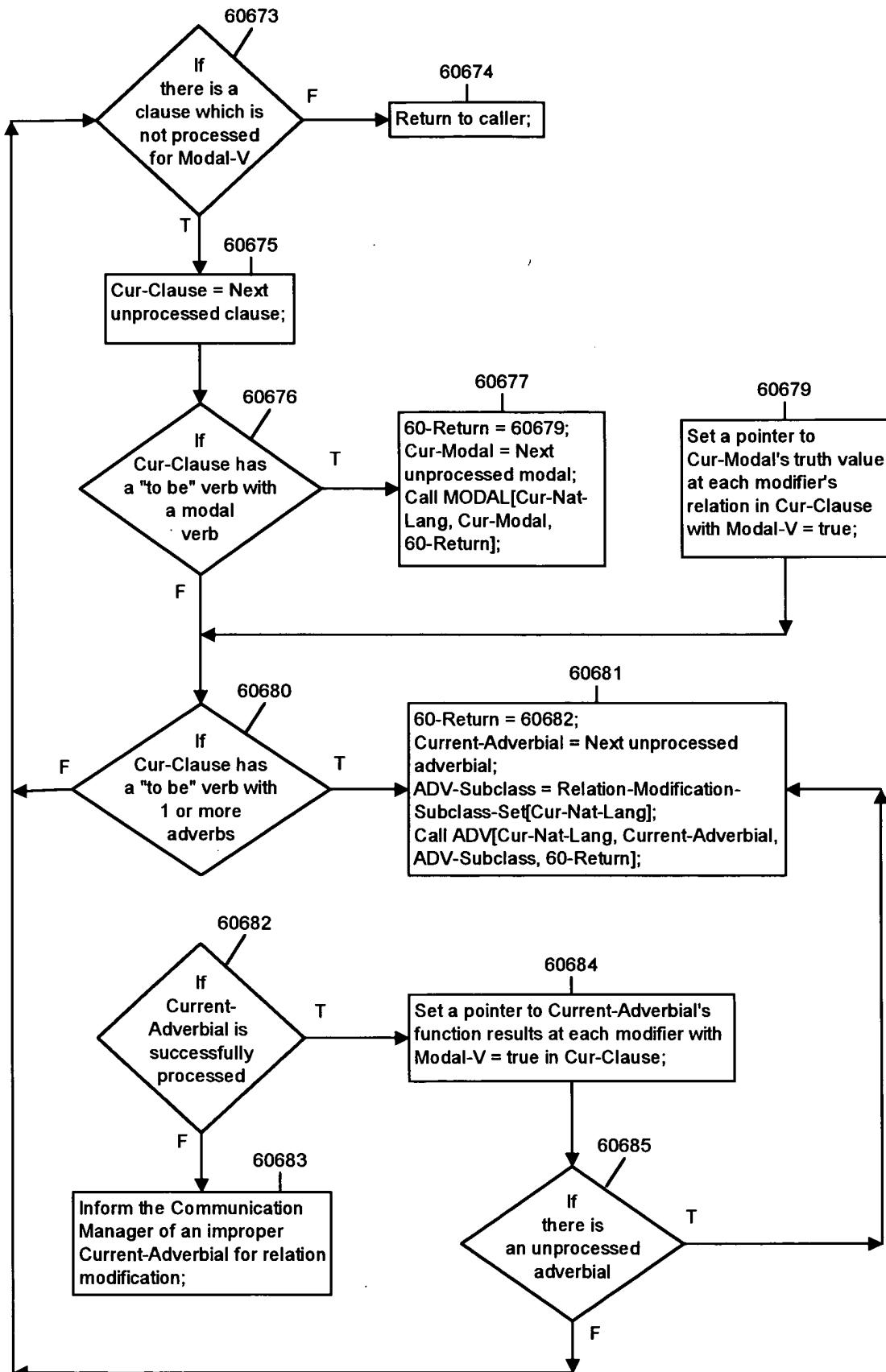


FIG. 17JJ

**DIRECT CATEGORY FORMAT:**

**List of:**

**Concrete noun word sense numbers,  
State abstract noun word sense numbers,  
Clausal abstract noun word sense numbers,  
Clausal abstract noun direct category pointer, and/or  
Clausal abstract noun indirect category pointer;**

**FIG. 18A**

INDIRECT CATEGORY FORMAT:

List of descriptors:

- a) Each descriptor contains one or more adjective or state abstract noun word sense numbers with owners;
- b) Each adjective word sense identifying number contains a state number and a value;
- c) Each value is a typical value, a specific value, or a value range;
- d) A descriptor may have a concrete noun or abstract noun word sense identifying number;

FIG. 18B

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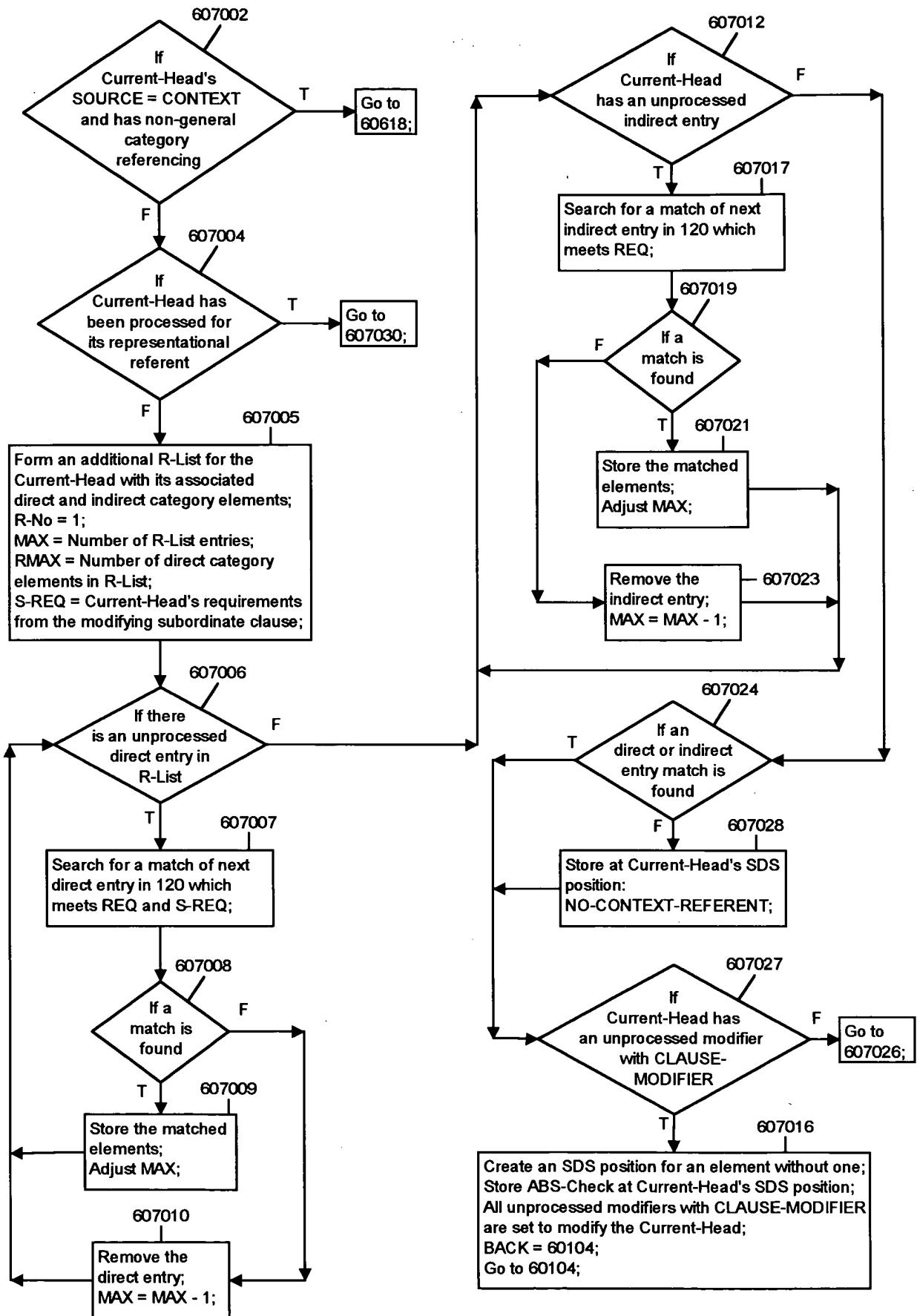


FIG. 18C

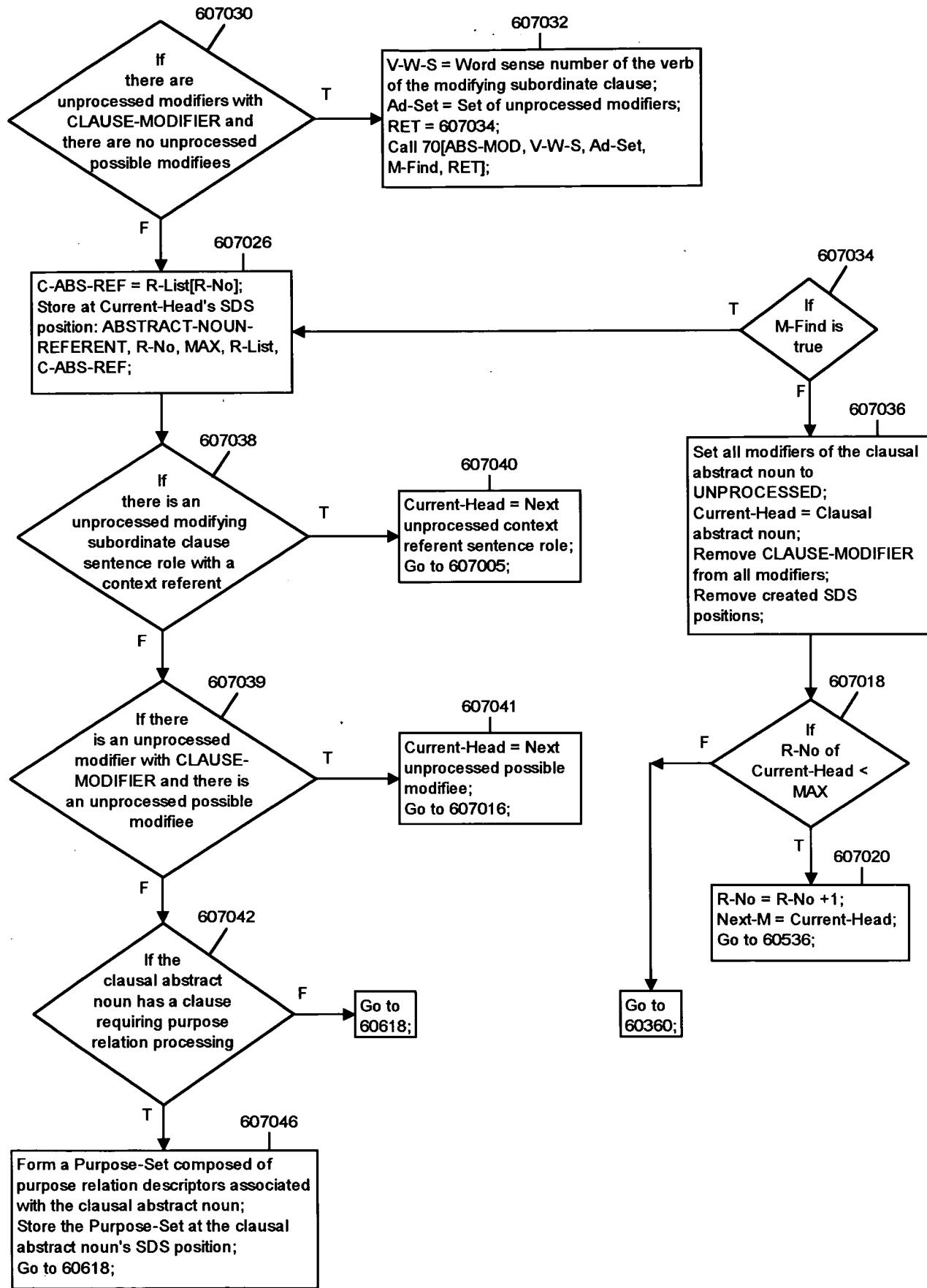


FIG. 18D

VERB WORD SENSE NUMBER FORMAT:

Word Sense Identification Number:

Number identifying the related word sense numbers with a:  
Verb Class Number;  
Verb Class Member Number;  
Sentence Role Identification Numbers:  
    Sentence Role Class Number;  
    Sentence Role Class Member Number (optional);

Type Number:

Number identifying a categorization of the word sense number;

Specificity Number:

Zero - General process;  
Even ( $\neq 0$ ) - Specific known process path;  
Odd - Specific unknown process path nearest to the preceding specificity number;

Experience Number:

Zero - Typical process for the associated type and specificity number;  
 $\neq$  Zero - Specific process for the associated type and specificity number;

FIG. 19A

AFFECTED ELEMENTS	EFFECT	RESULT TYPE	PURPOSE POINTER	COMMON ADVERBIAL POINTER	TYPICAL PROCESS	PROCESS SELECTING ADVERBIALS
Subject, indirect object, direct object, instrument, etc., or context element	One or more states and associated value set for the corresponding affected sentence role	A value of: STATIVE, EVENTIVE, and/or HABITIVE	Pointer to purposes associated with word senses in Memory 130	Pointer to table of adverbial subclasses shared with other verbs in Memory 100	Most common process implied by the verb word sense number	List of adverbials stored in 100 for the verb word sense which have a subclass value that selects process(es) of the verb word sense; each adverbial has an associated type number(s)

FIG. 19B

### ANOMALY COMPONENT:

## APPLICATION PATTERN FOR EACH VERB WORD SENSE NUMBER:

Contains allowed sentence patterns for the word sense number;

### Sentence patterns include:

Transitive, ditransitive, intransitive, passive  
instrumental, A-relation sentence roles,  
idiomatic word sense number type,  
special usage sentence role and type,  
clausal abstract noun modifiable sentence  
roles, etc;

**FIG. 19C**

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SENTENCE ROLE	REQUIREMENT DESCRIPTOR	A-RELATION SET
Subject, indirect object, direct object, etc.	A word sense descriptor composed of 1 or more word sense ID numbers, each with a range of allowed type numbers, and/or 1 or more terms of states and/or properties, each state and property has an associated value or value range; the descriptor may be enumerated or represented with an address of an enumeration in a table;	Set of A-Relations which the sentence role can belong to

FIG. 19D

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ENTRY NUMBER	SEMANTIC ROLE	SOURCE REQUIREMENT	VALUE DESCRIPTORS
Local entry number	Specific role of the adverbial	1 or more states, properties, parameters, of functions which the adverbial must satisfy	Each descriptor contains: a required value range; a process application vector for each corresponding value range; an optional value range translation function; an optional pointer to purposes related to a value range;

FIG. 19E

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ENTRY NUMBER	JOINT/SEPARATE POINTER	MAIN SENTENCE ROLE PAIRS	ADVERBIAL SUBCLASS TRIPLETS	PROCESS POINTER
Type #, zero Specificity # and Experience #'	Pointer to joint/separate criteria	Main sentence role and associated entity requirement pairs	Adverbial subclass pointer, subclass value or value range, and requirement number triplets	Pointer to process entry in Memory 130
Type #, Specificity #, zero Experience #		Main sentence role and associated typical entity for Specificity # pairs	Adverbial subclass pointer, typical subclass value for the Specificity #, and requirement number triplets	Pointer to process entry in Memory 130
Type #, Specificity #, Experience #		Main sentence role and associated experienced entity pair	Adverbial subclass pointer, experienced subclass value, and requirement number triplets	Pointer to process entry in Memory 130

FIG. 19F

- Sentence Role (e.g., subject, indirect object, direct object)
- Constant Type (@JOINT, @SEPARATE, @INDETERMINATE)
- Adverbial and/or sentence role criteria for selecting a joint or separate clause

FIG. 19G

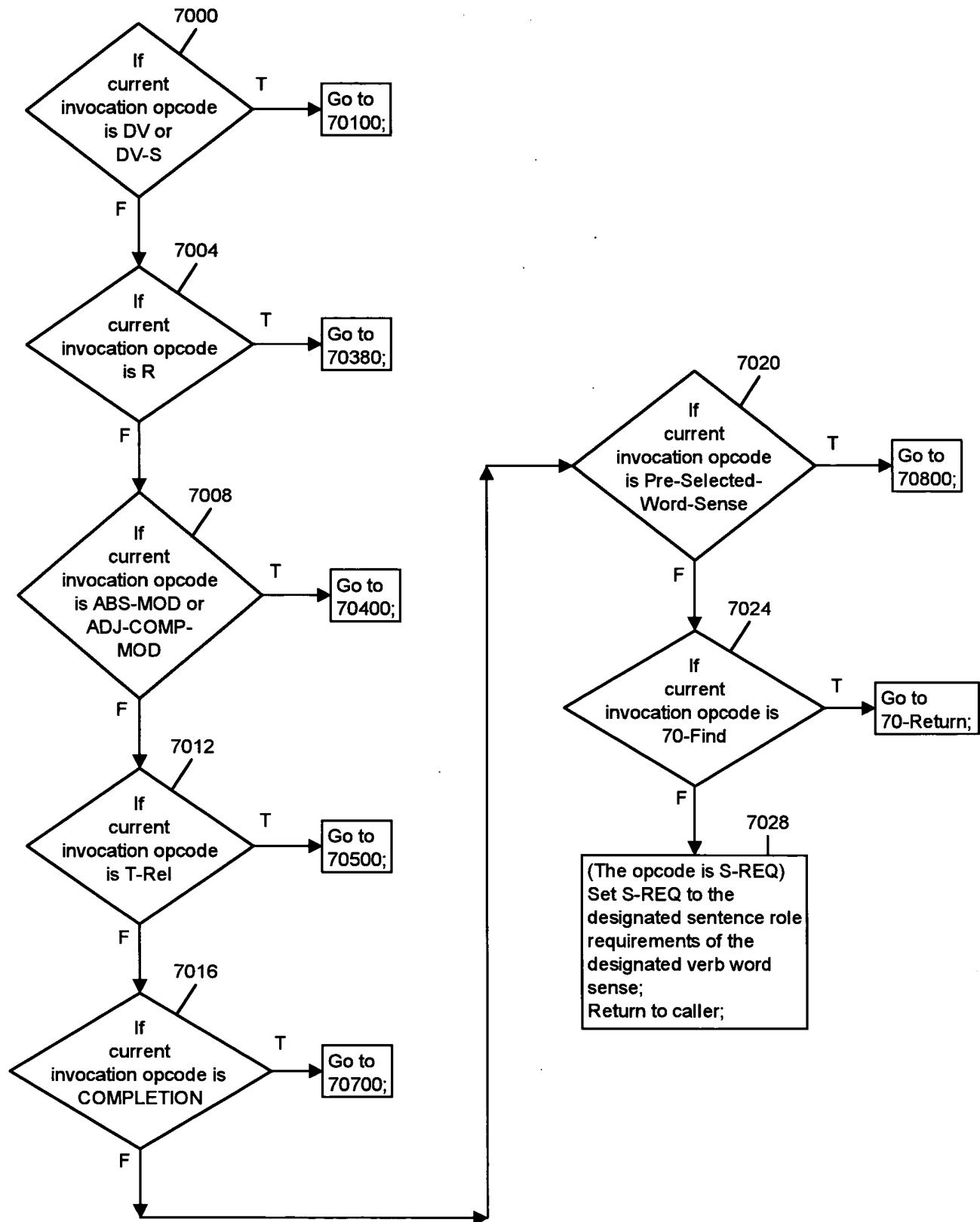


FIG. 19H

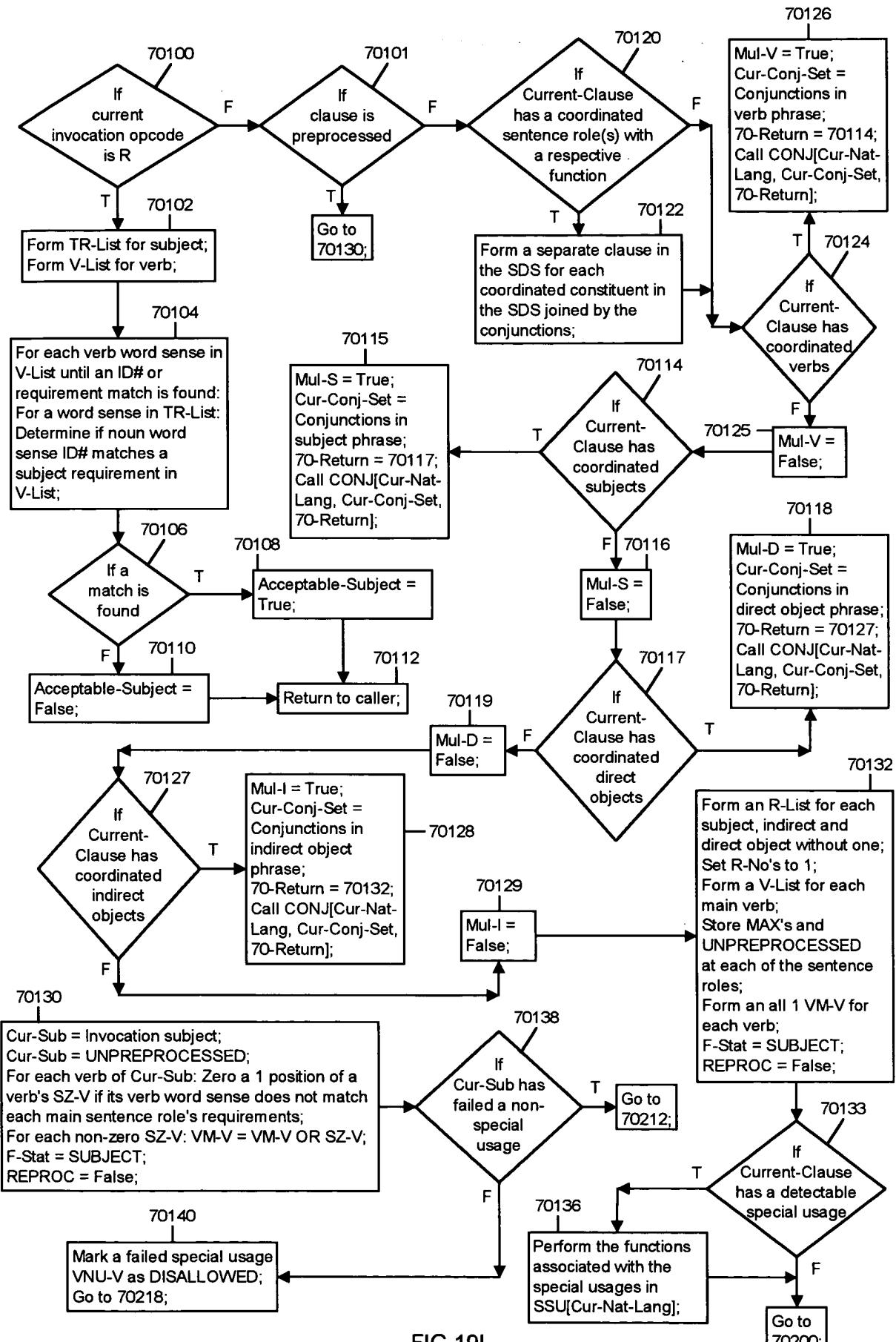


FIG.19I

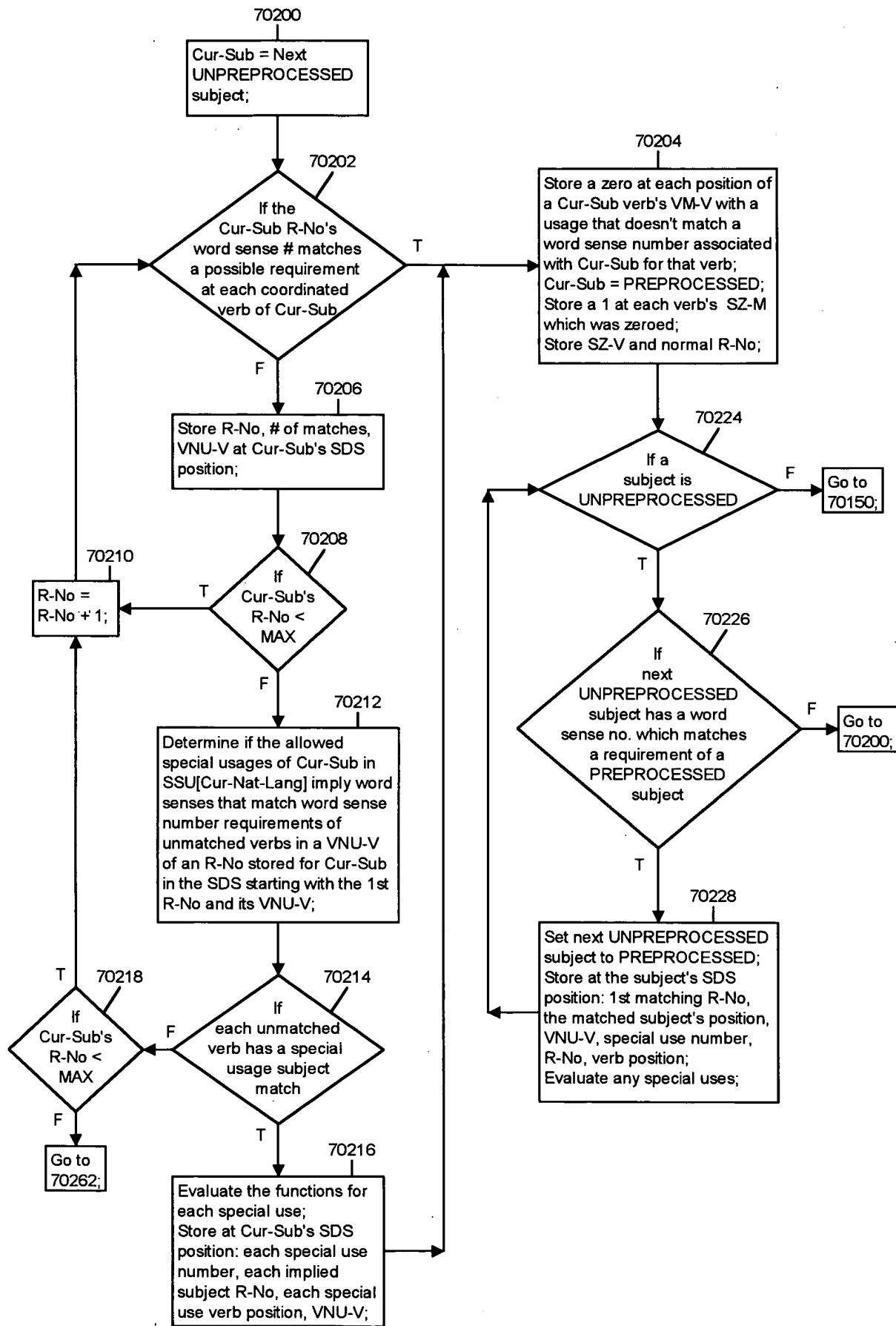


FIG. 19J

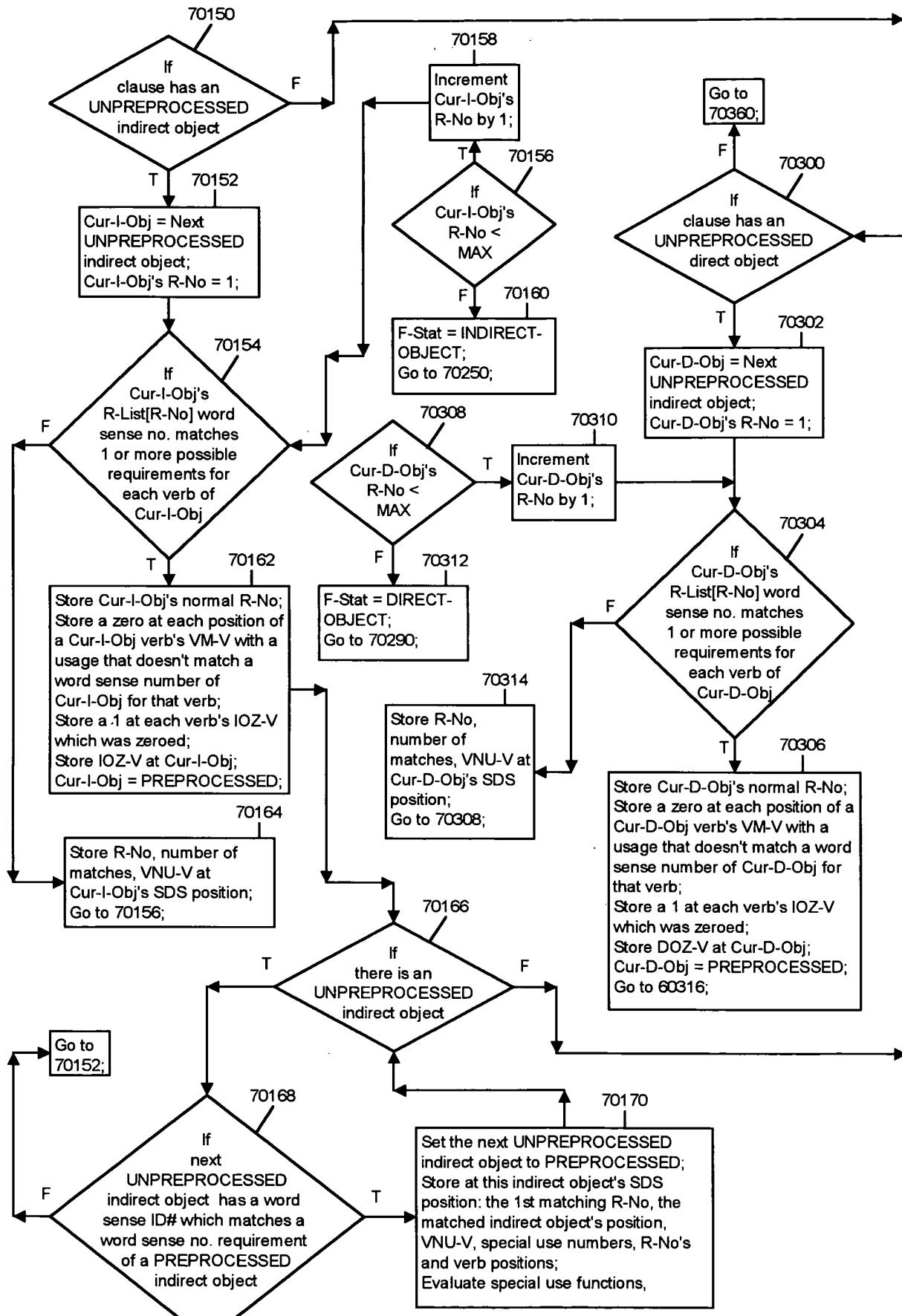


FIG. 19K

002260 \* 08512560

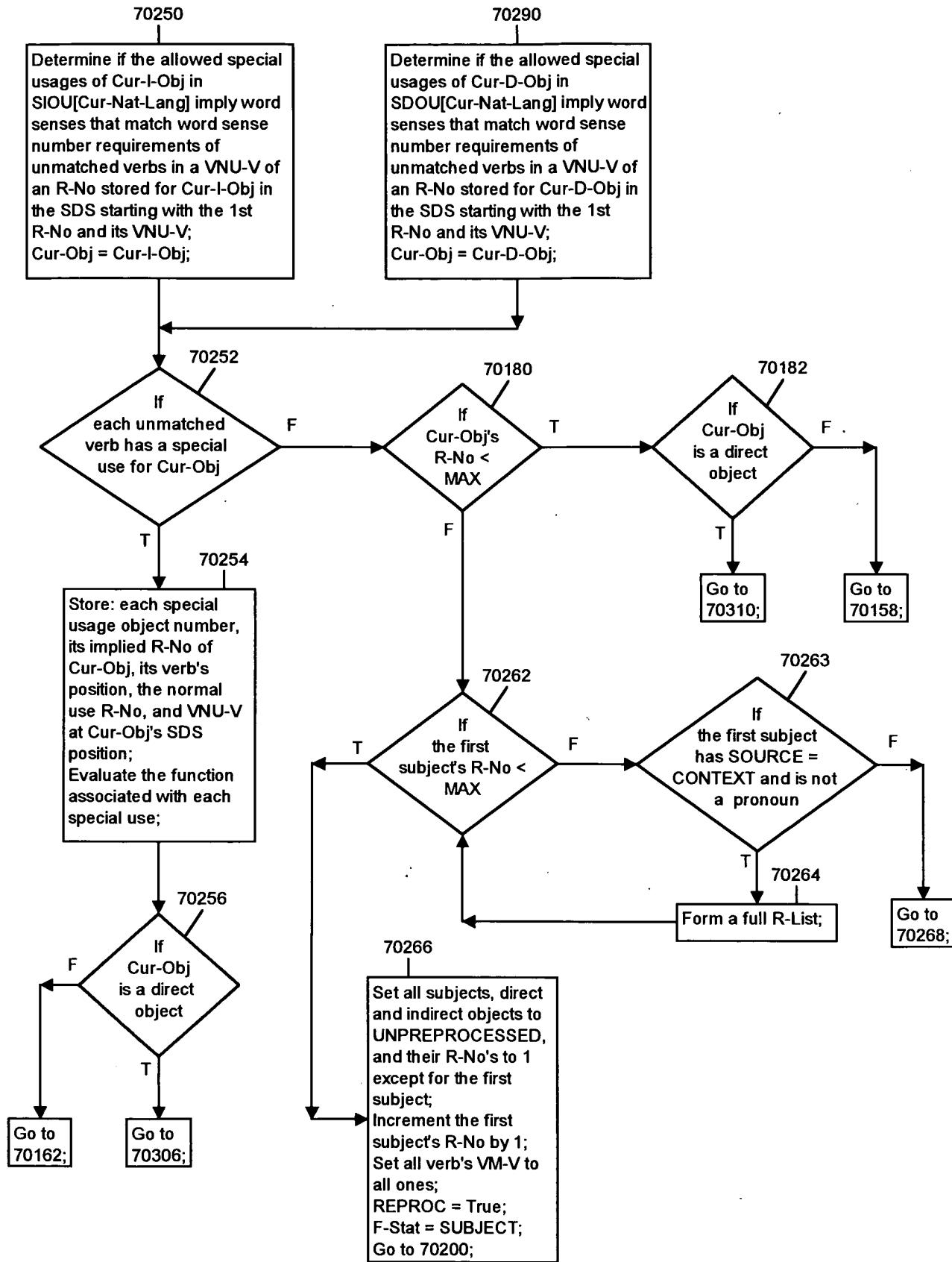


FIG. 19L

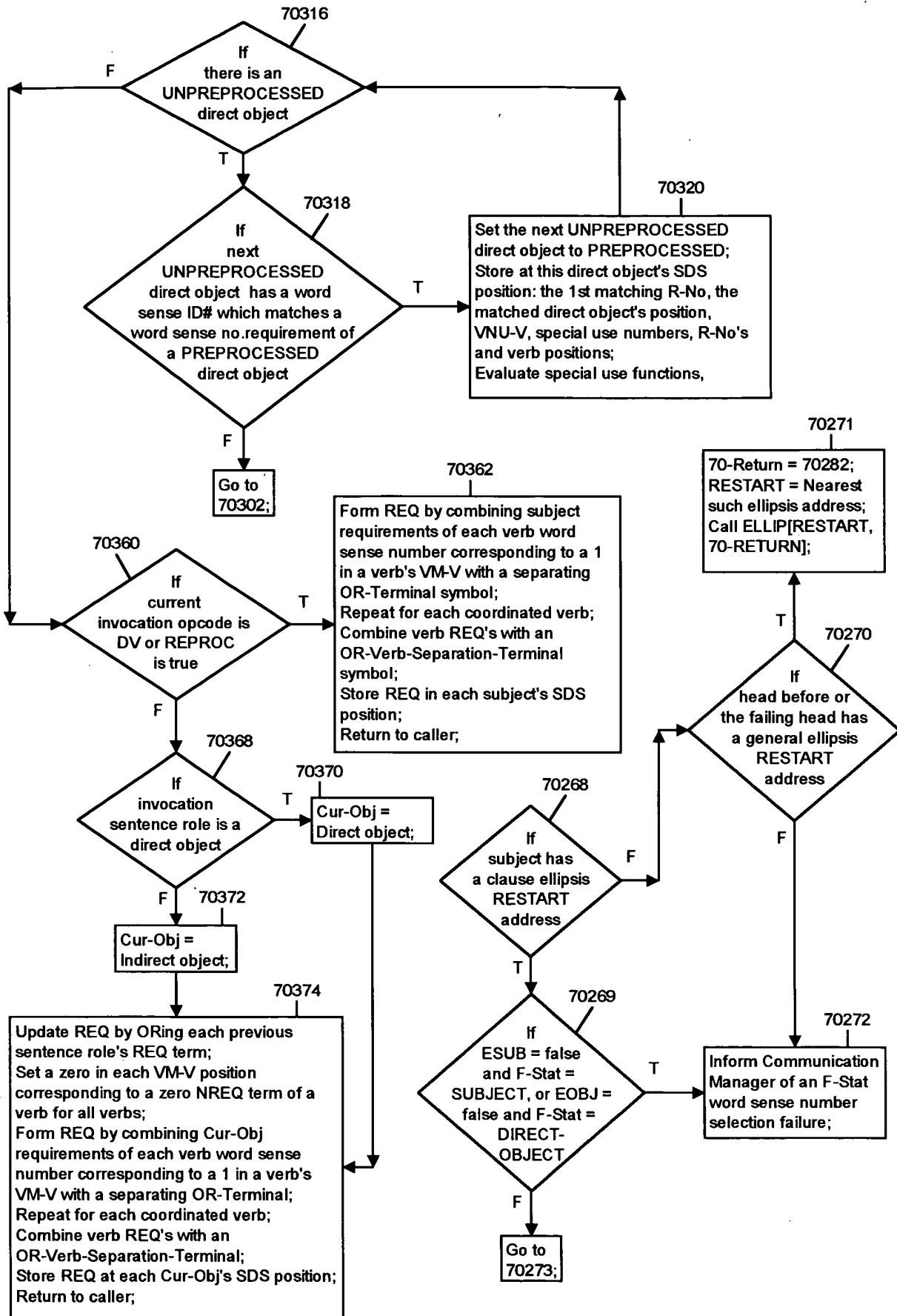


FIG.19M

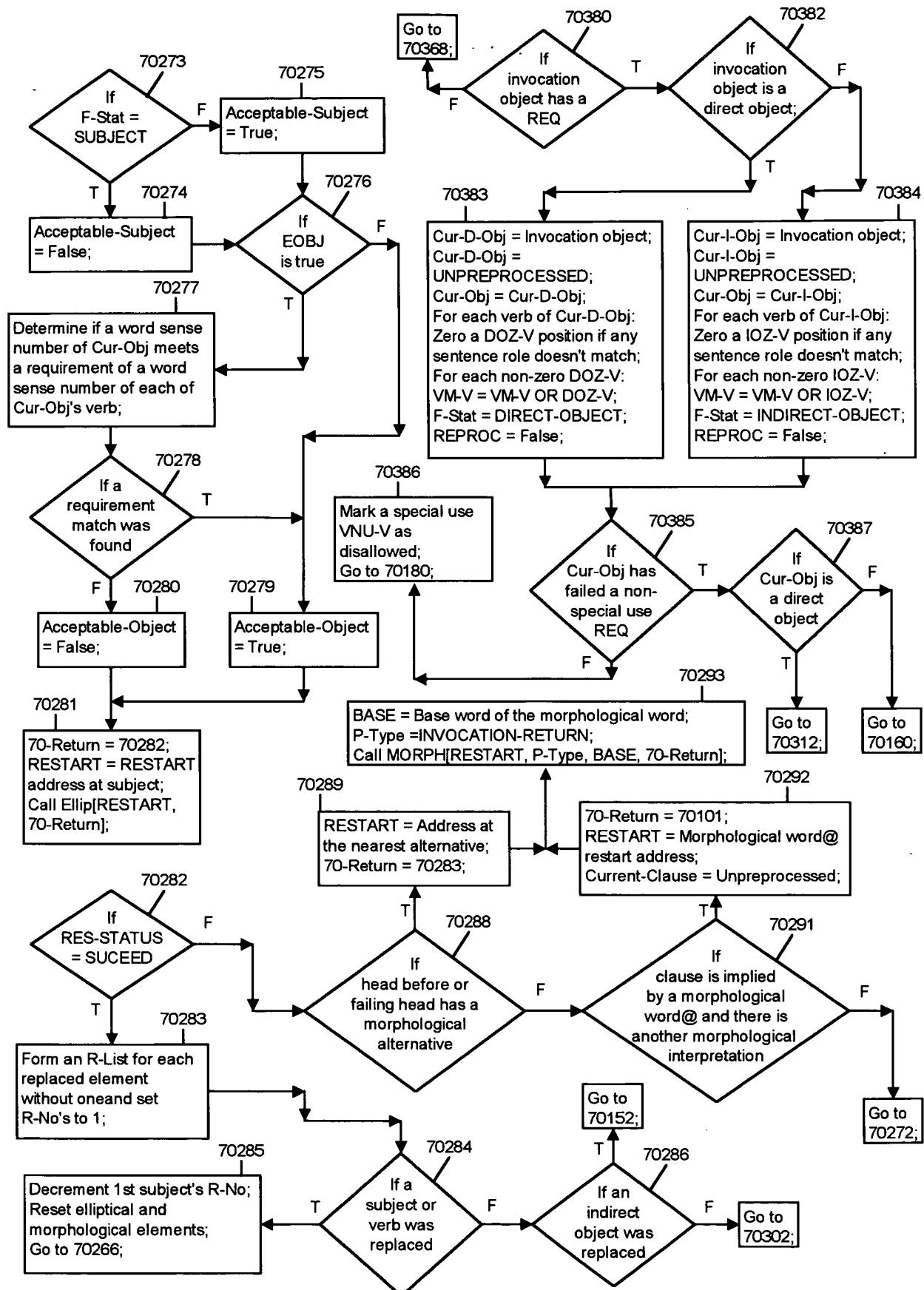


FIG. 19N

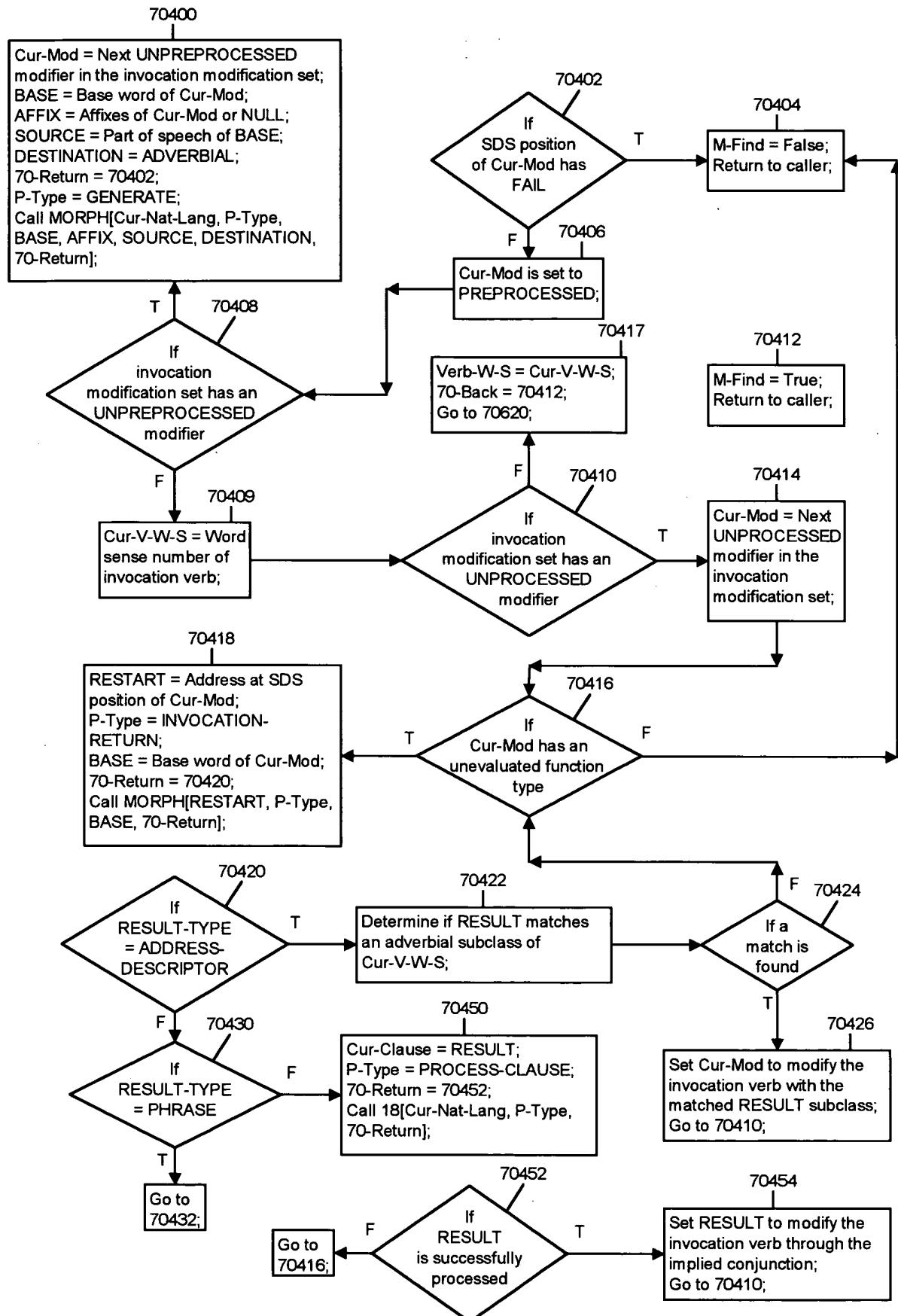


FIG. 190

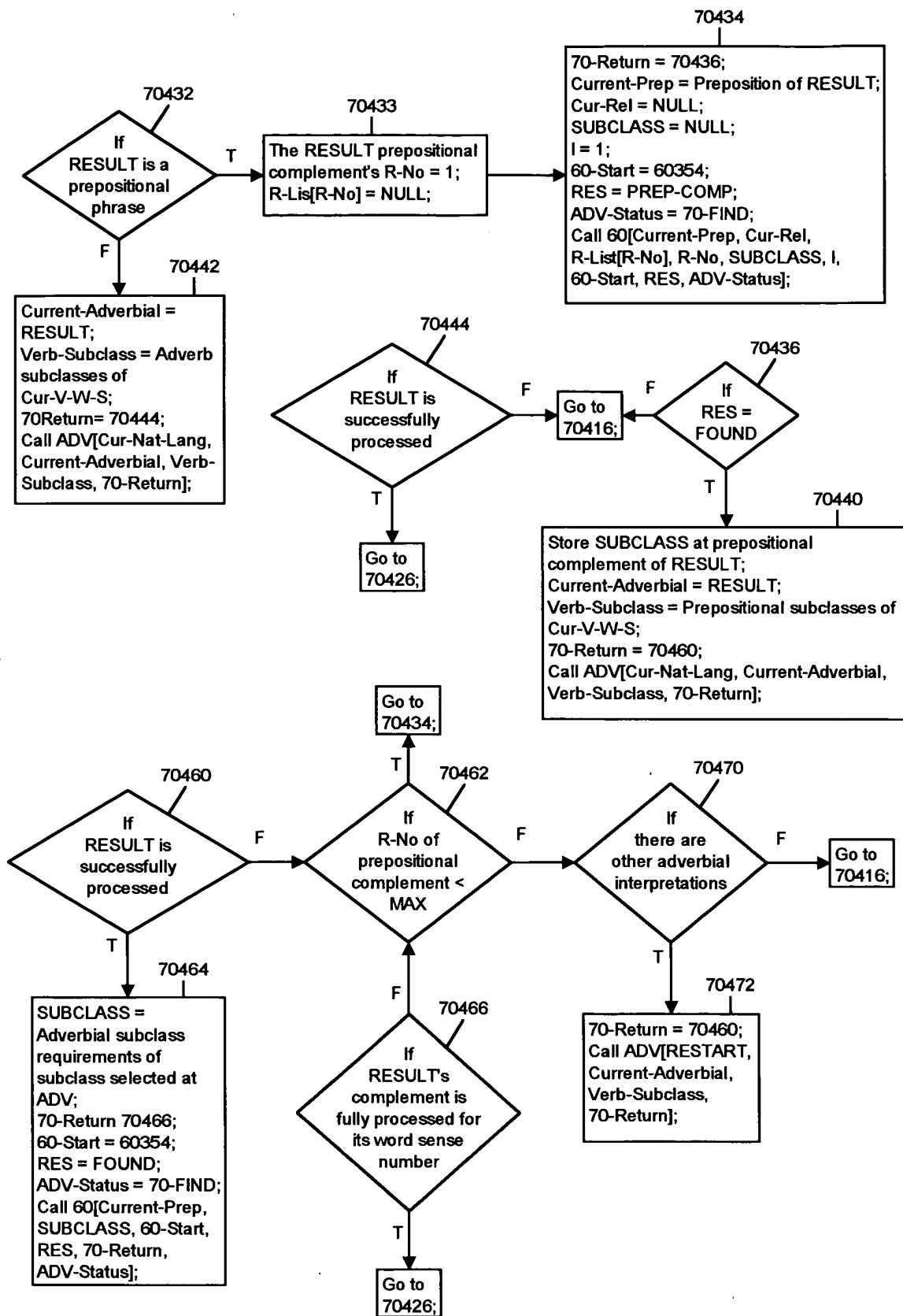
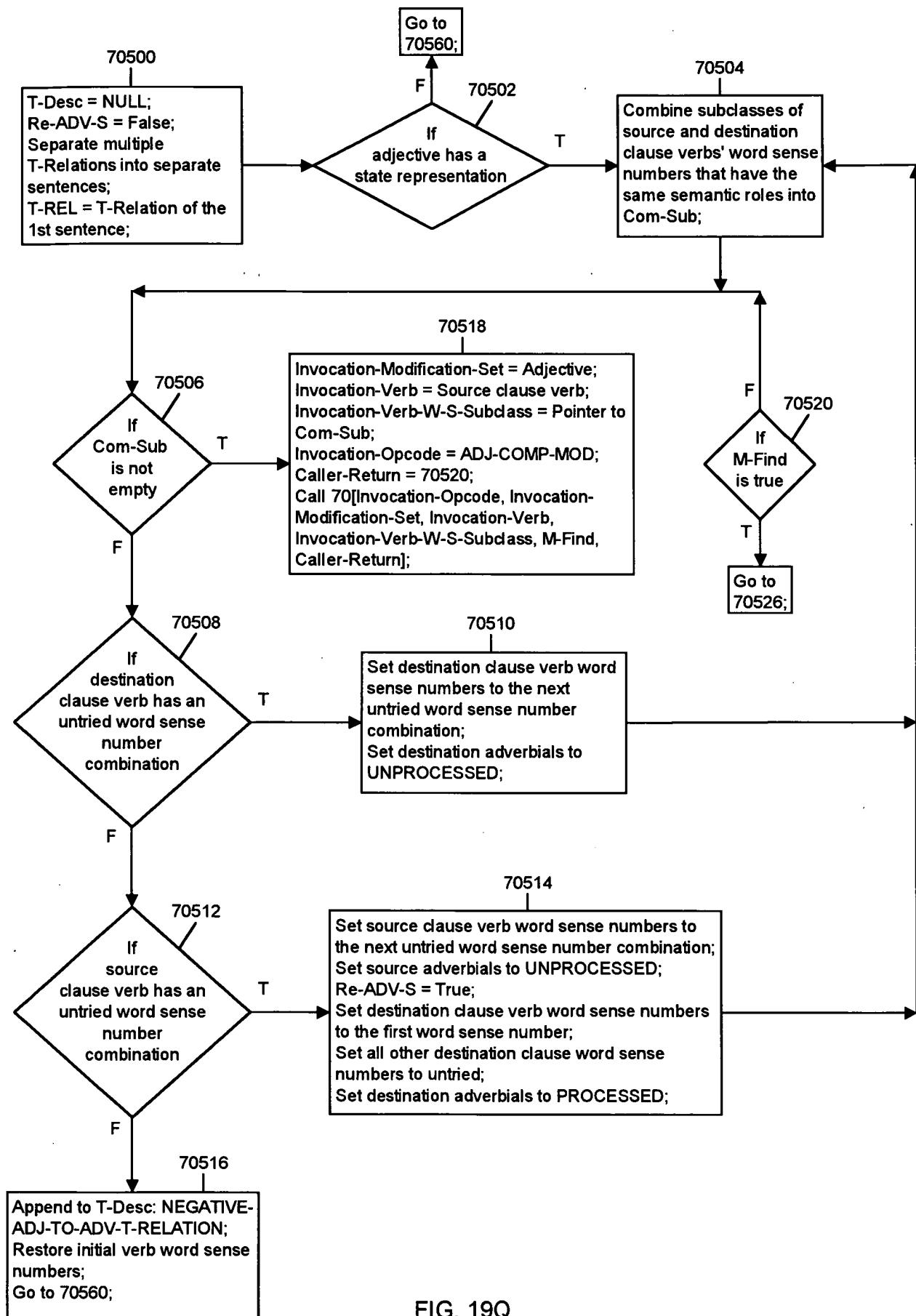


FIG. 19P



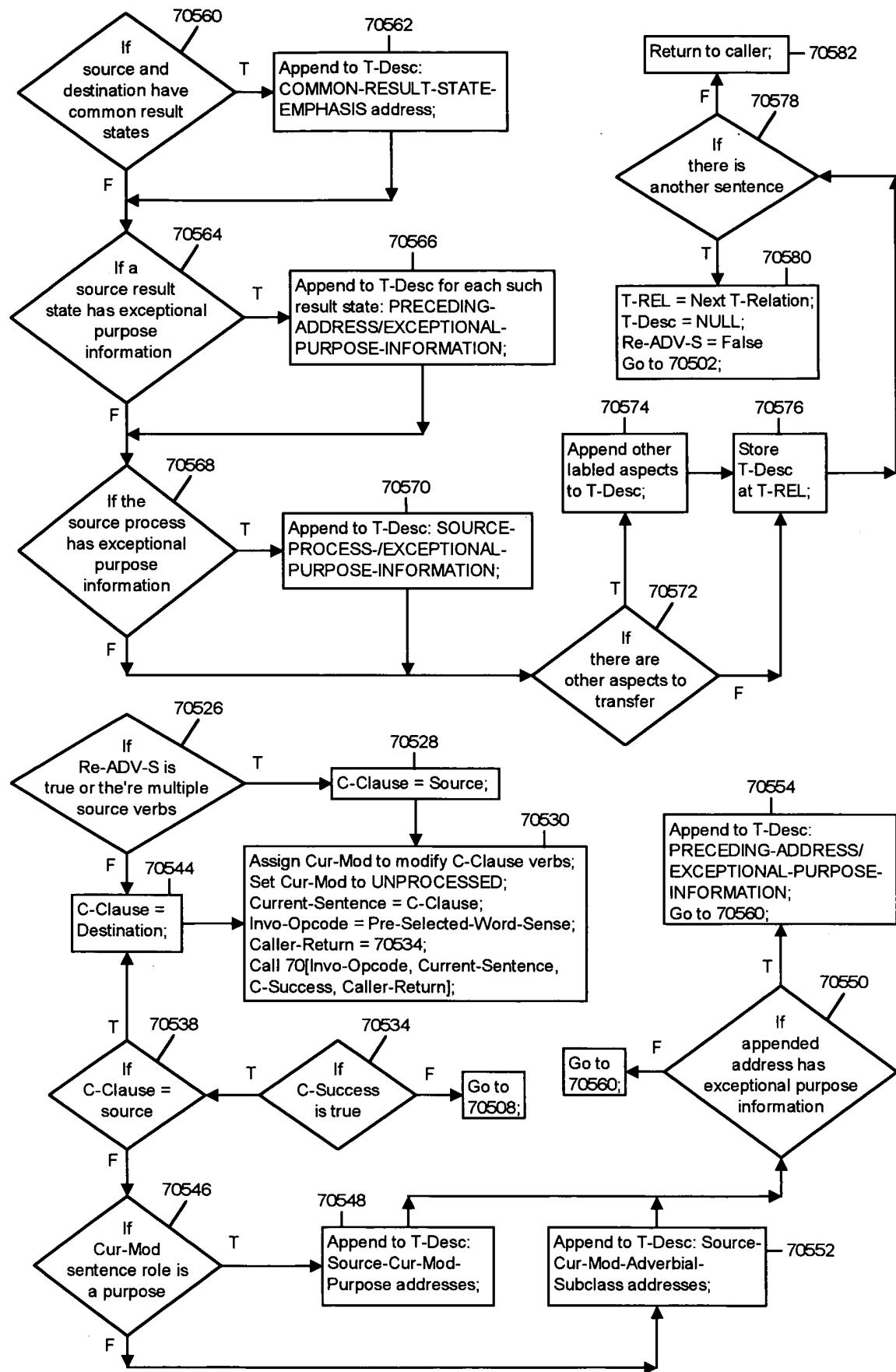


FIG. 19R

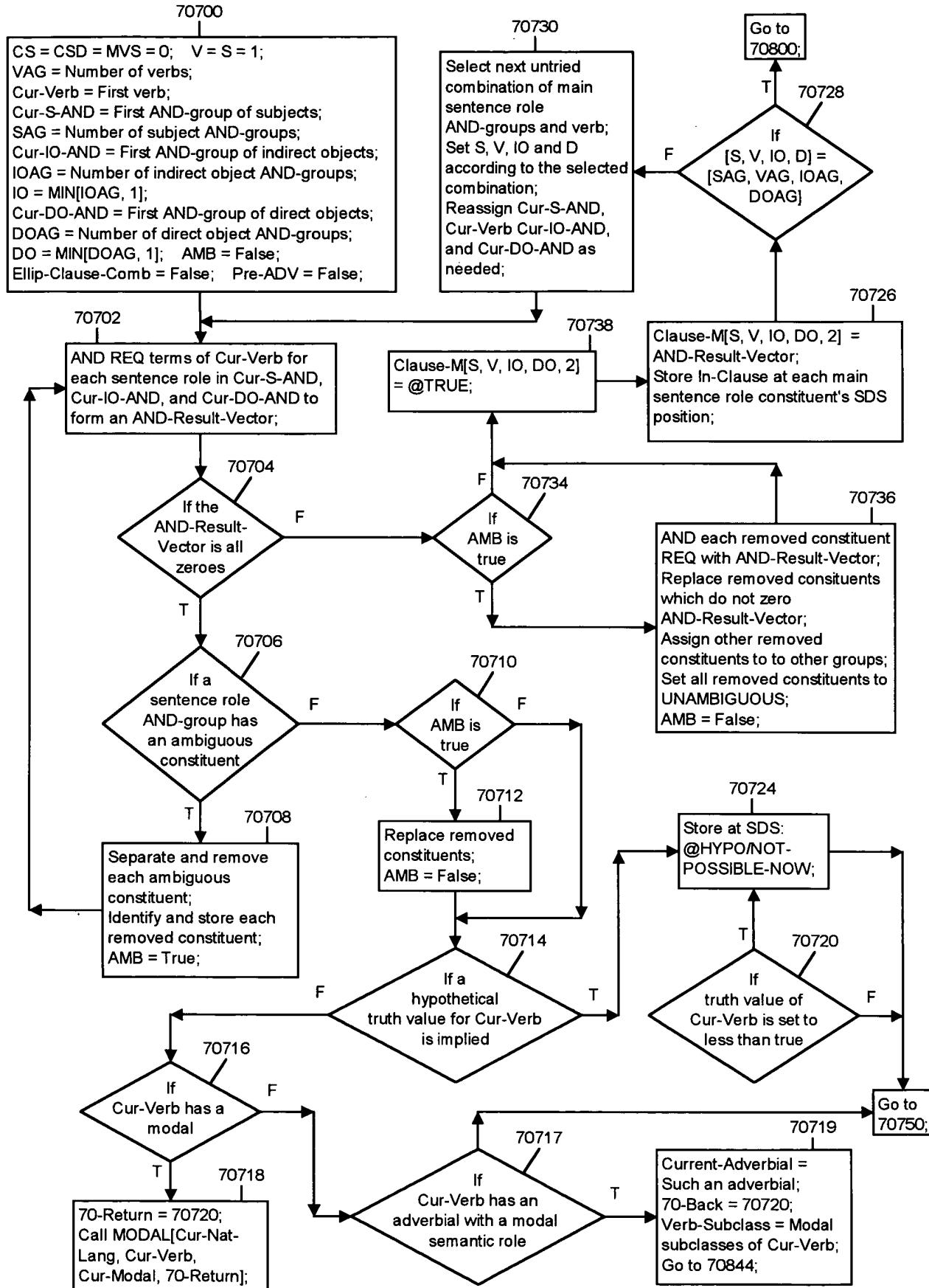


FIG. 19S

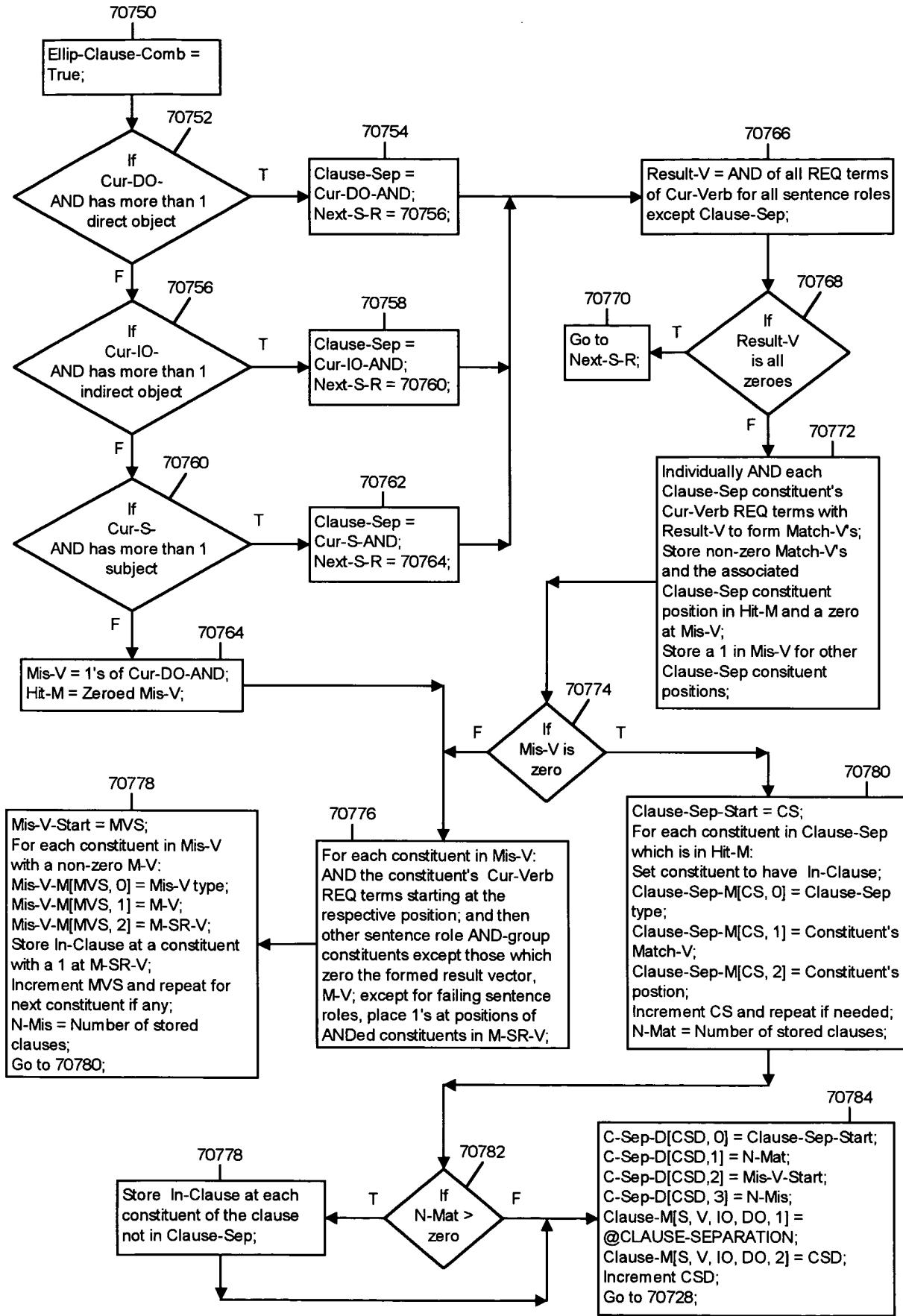
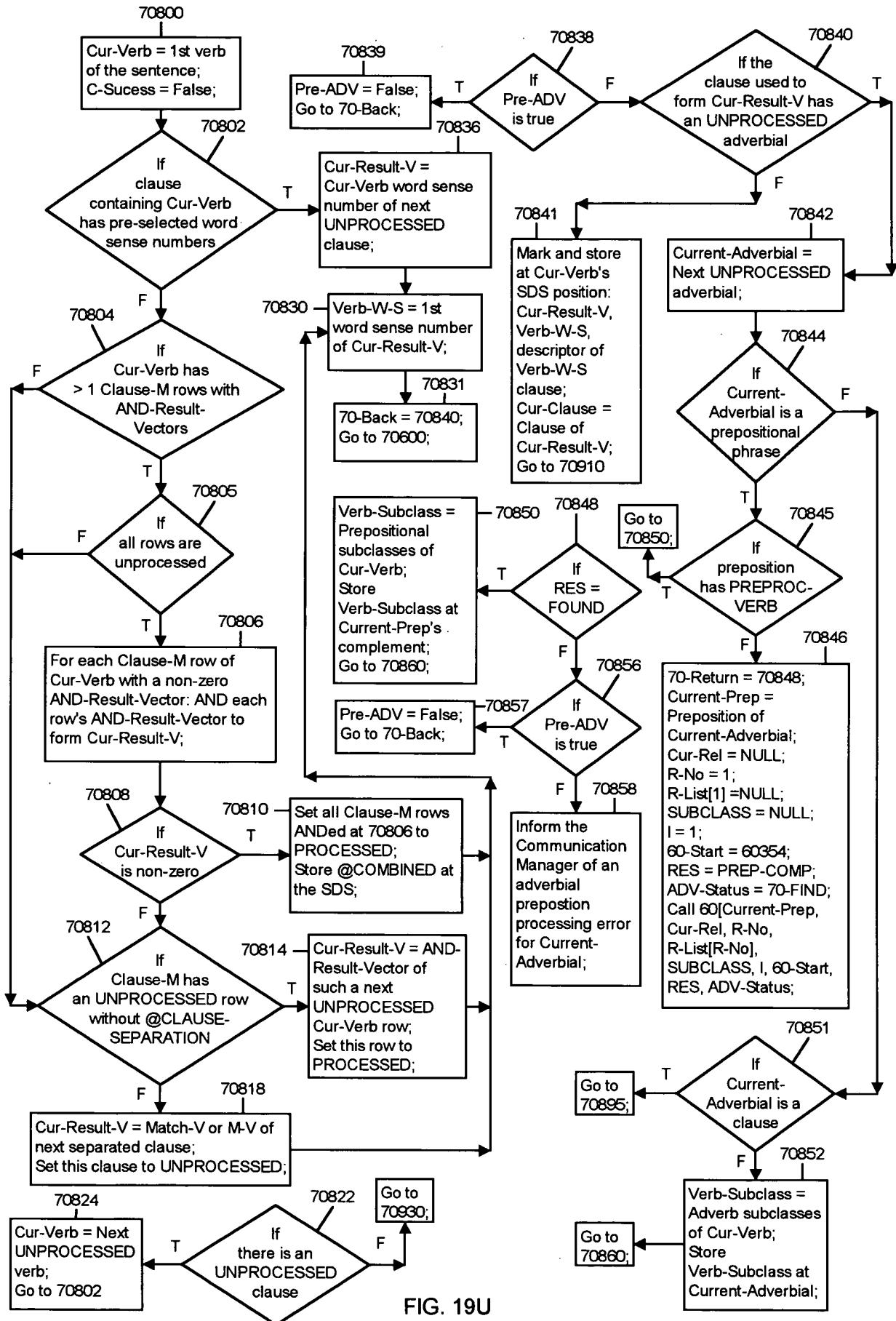


FIG. 19T



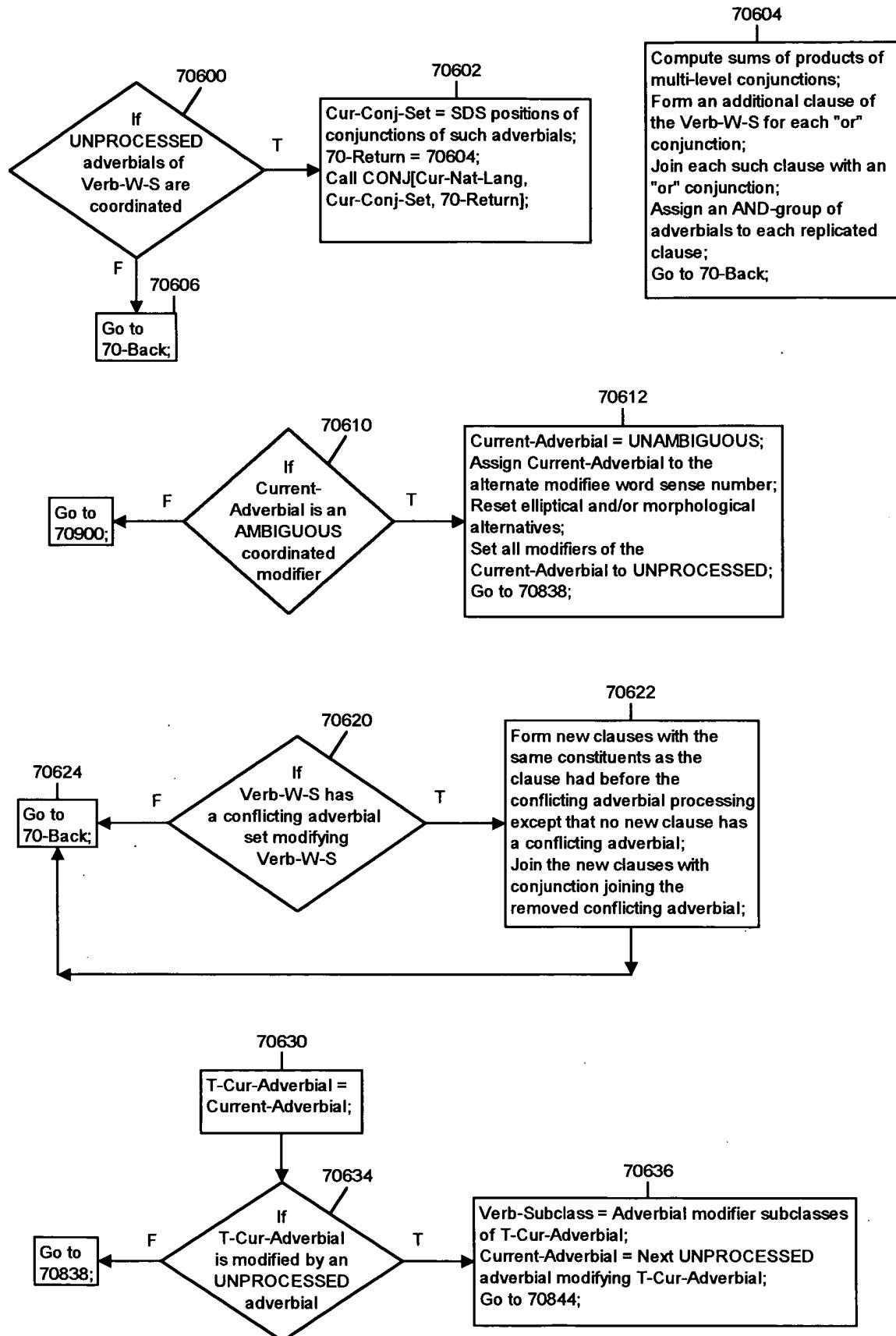


FIG. 19V

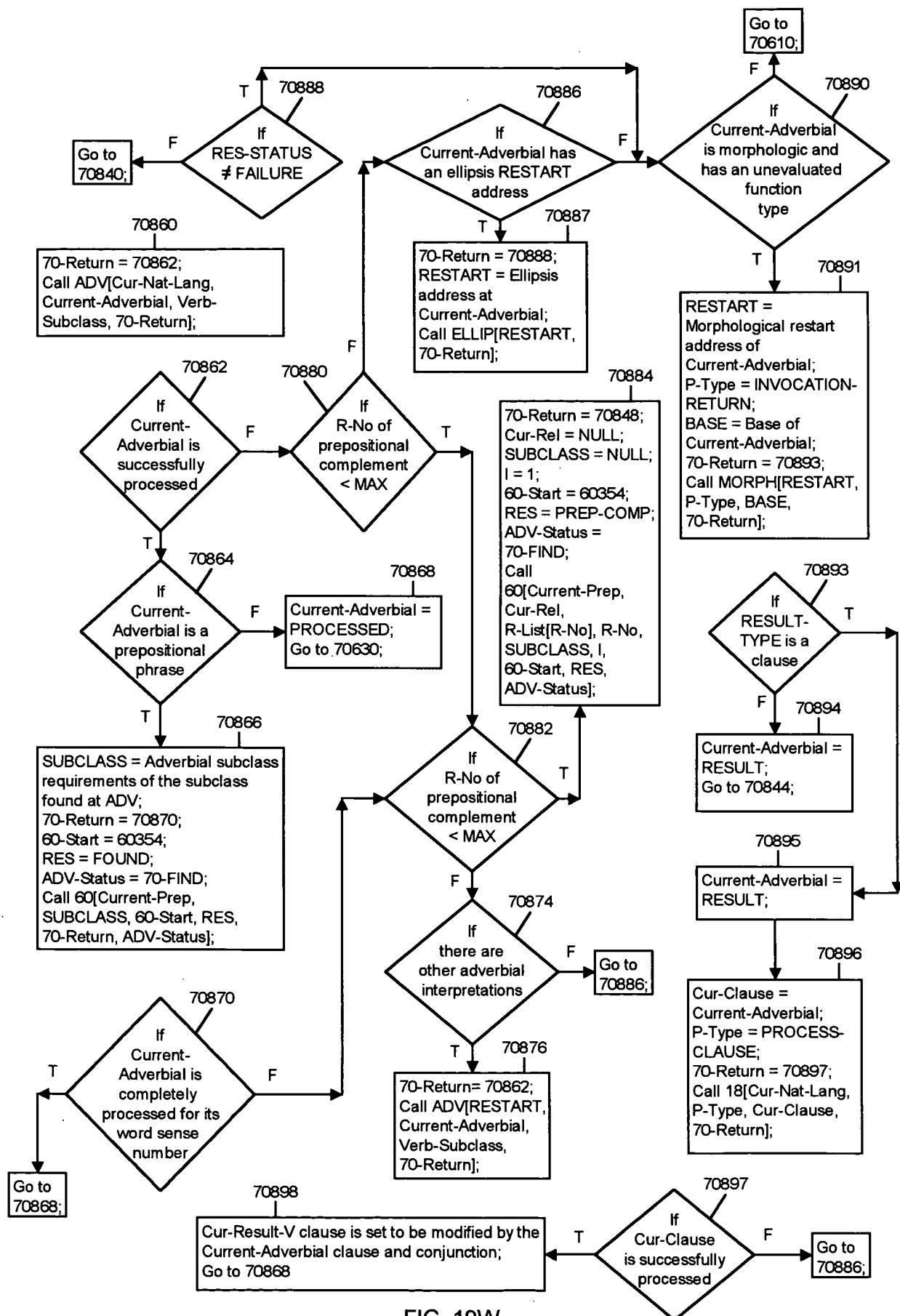


FIG. 19W

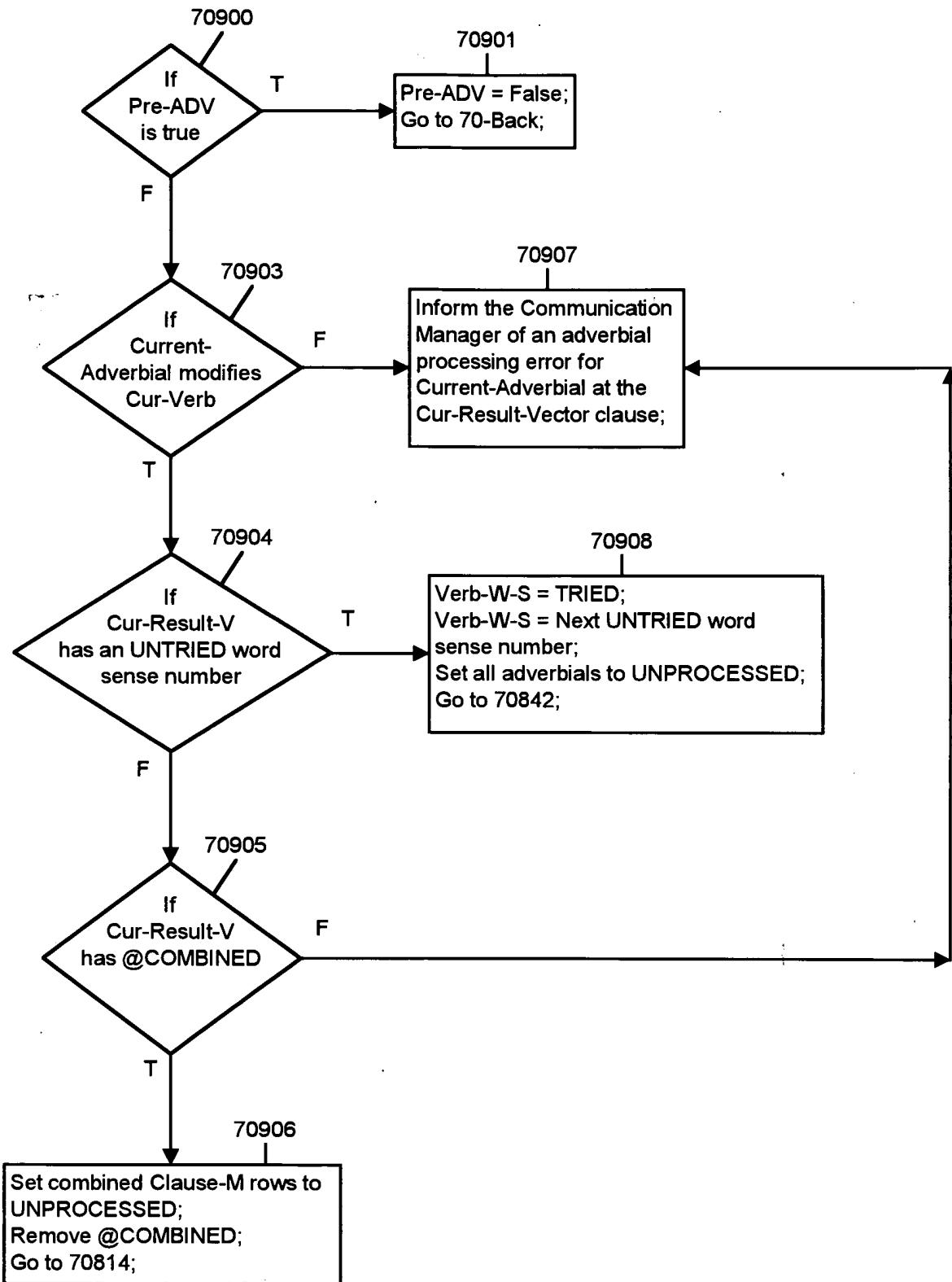


FIG. 19X

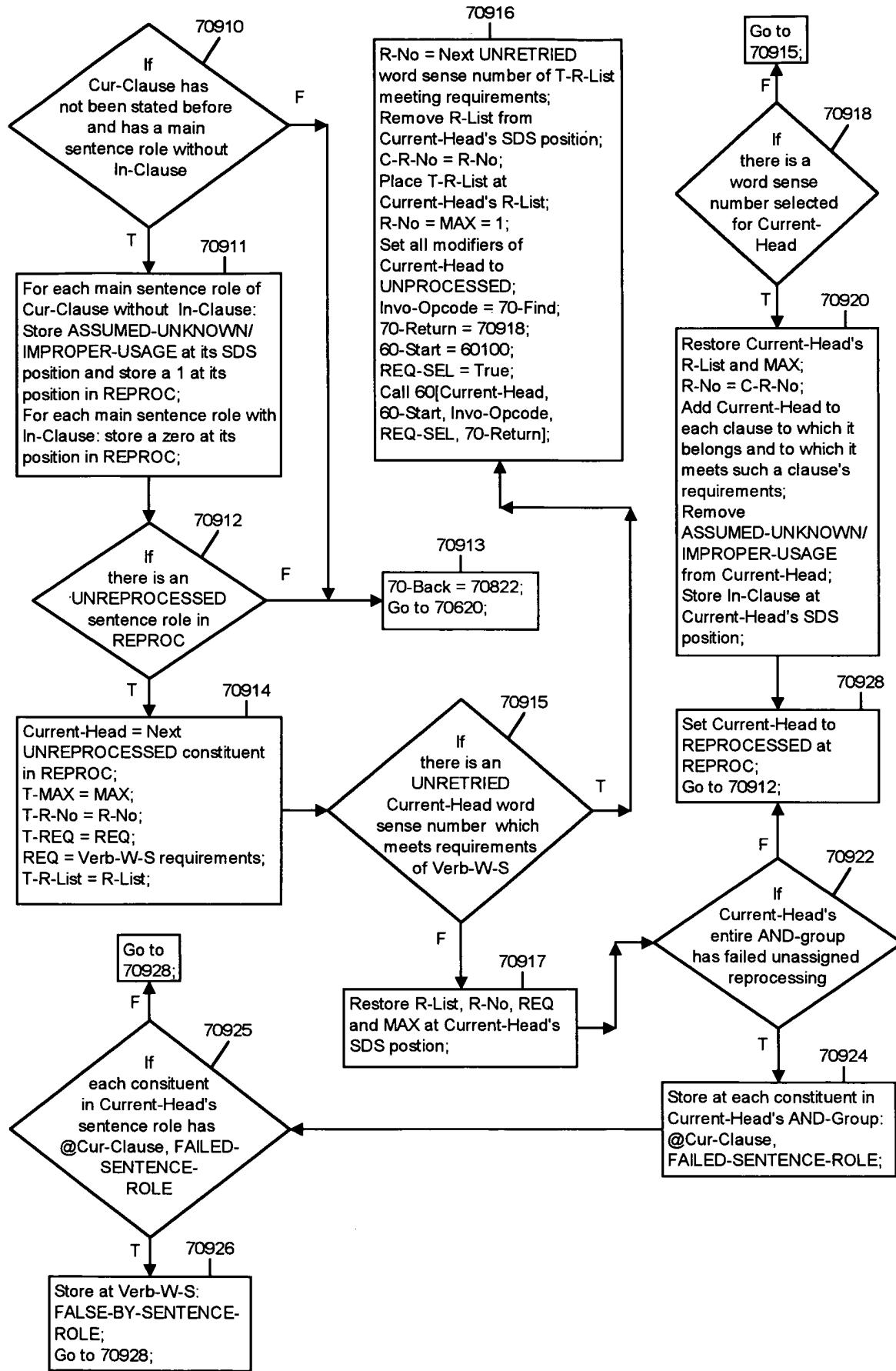


FIG.19Y

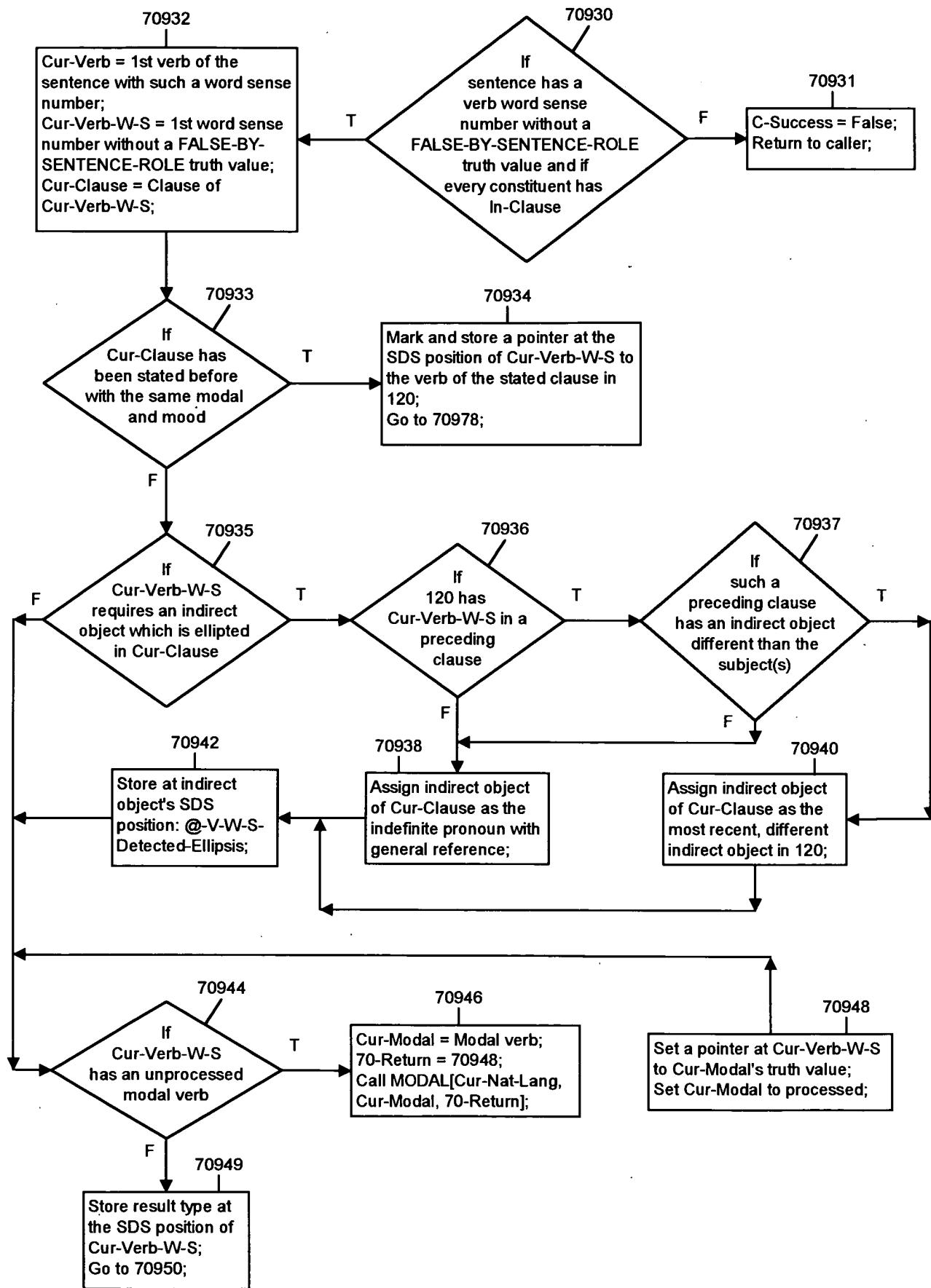


FIG. 19Z

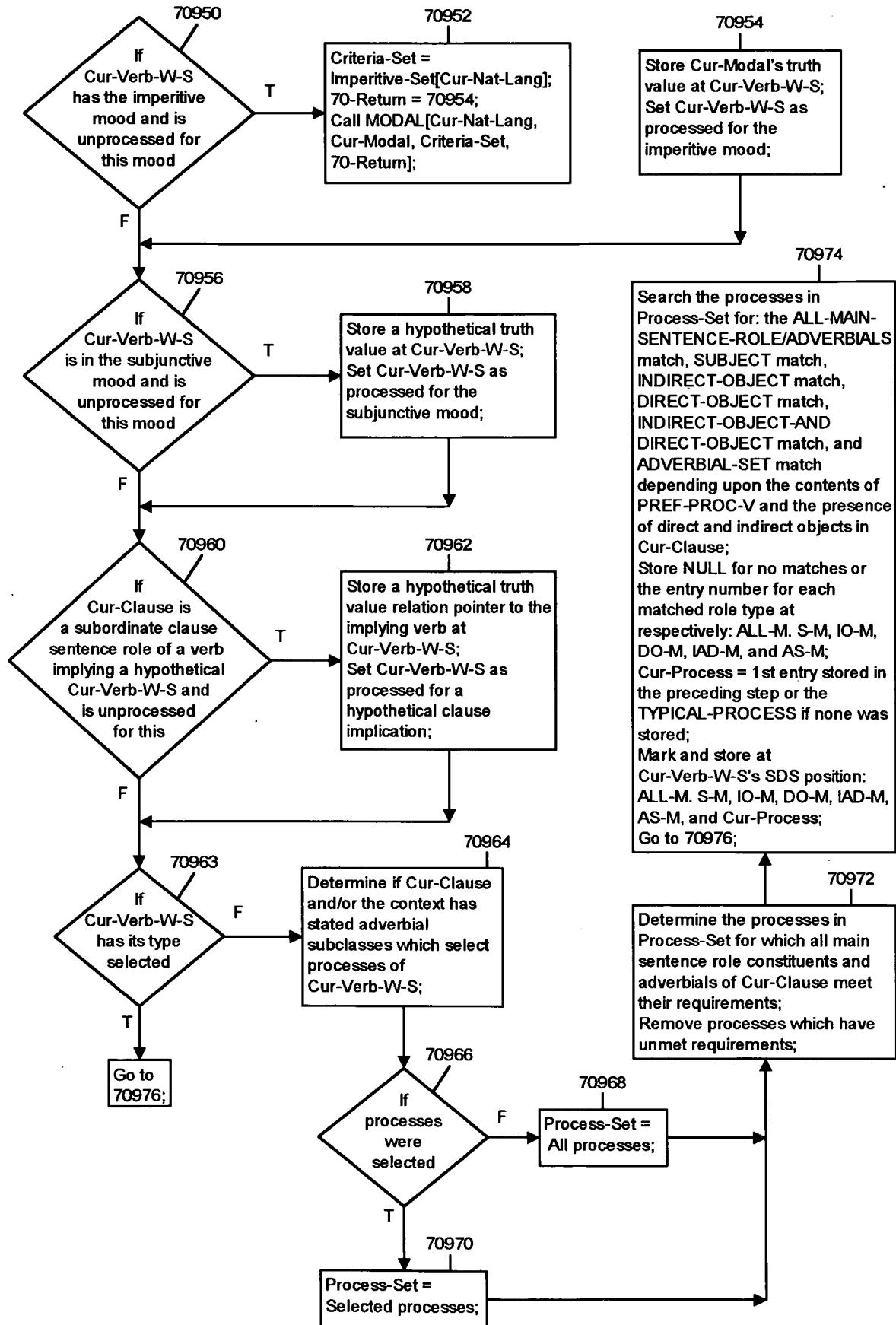


FIG. 19AA

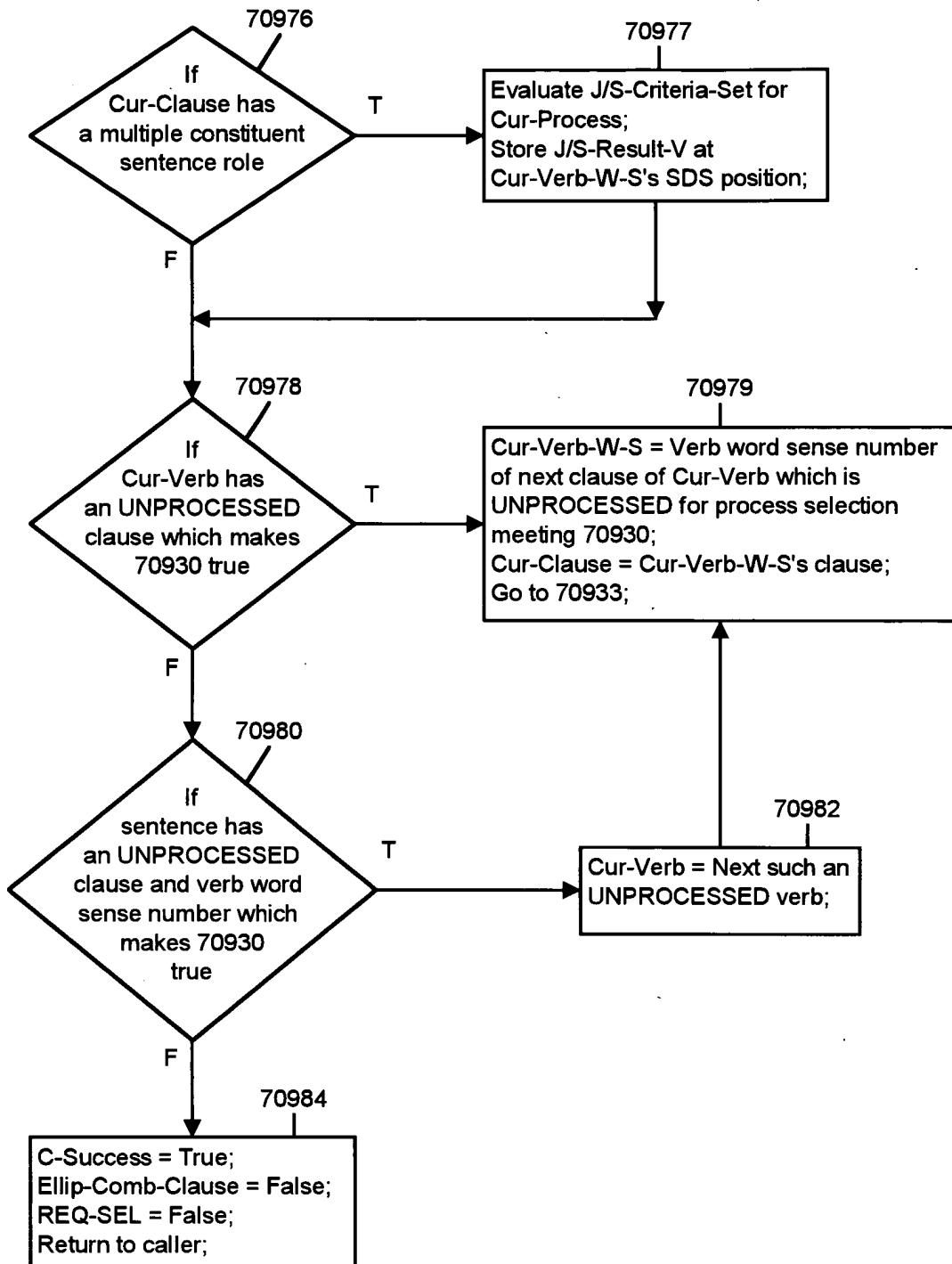


FIG. 19BB

STATE ABSTRACT NOUN OR  
ADJECTIVE WORD SENSE NUMBER FORMAT:

Word Sense Identification Number Components:

State number composed of:  
Class number, Member number;  
Owner word sense identification number;  
Value or value range;

Owner Word Sense Number:

General to specific noun word sense number;

FIG. 20A

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TYPE	WORD SENSE NUMBER	VERB SETTING STATE	ADVERBIAL SUBCLASSES	PURPOSE POINTER
<u>A</u>	Identification number, most general owner word sense number	Set of verb word sense numbers setting the entry's state value	List and/or pointer to set of adjective adverbial subclasses	Pointer to related purposes
<u>B</u>	Same identification number, more specific owner word sense number of TYPE A entry			Pointer to related purposes

FIG. 20B

WORD SENSE IDENTIFICATION NUMBER,  
MOST GENERAL OWNER STORED WITH IDENTIFICATION NUMBER

**FIG. 20C**

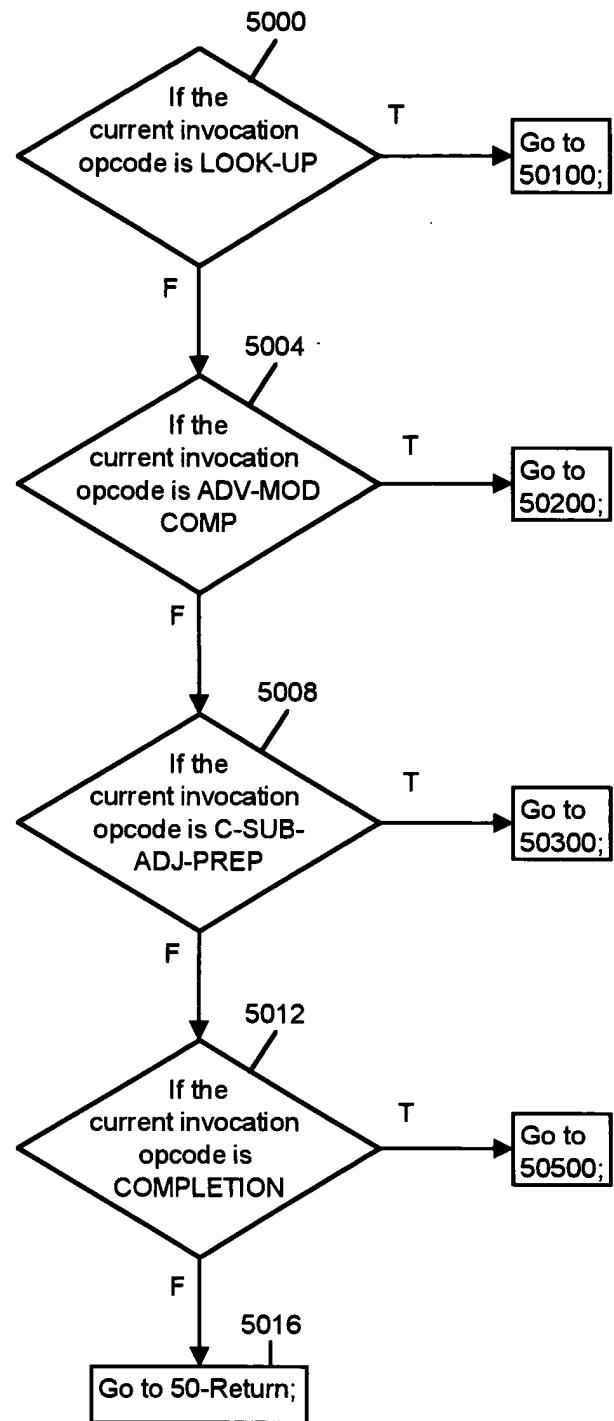


FIG. 20D

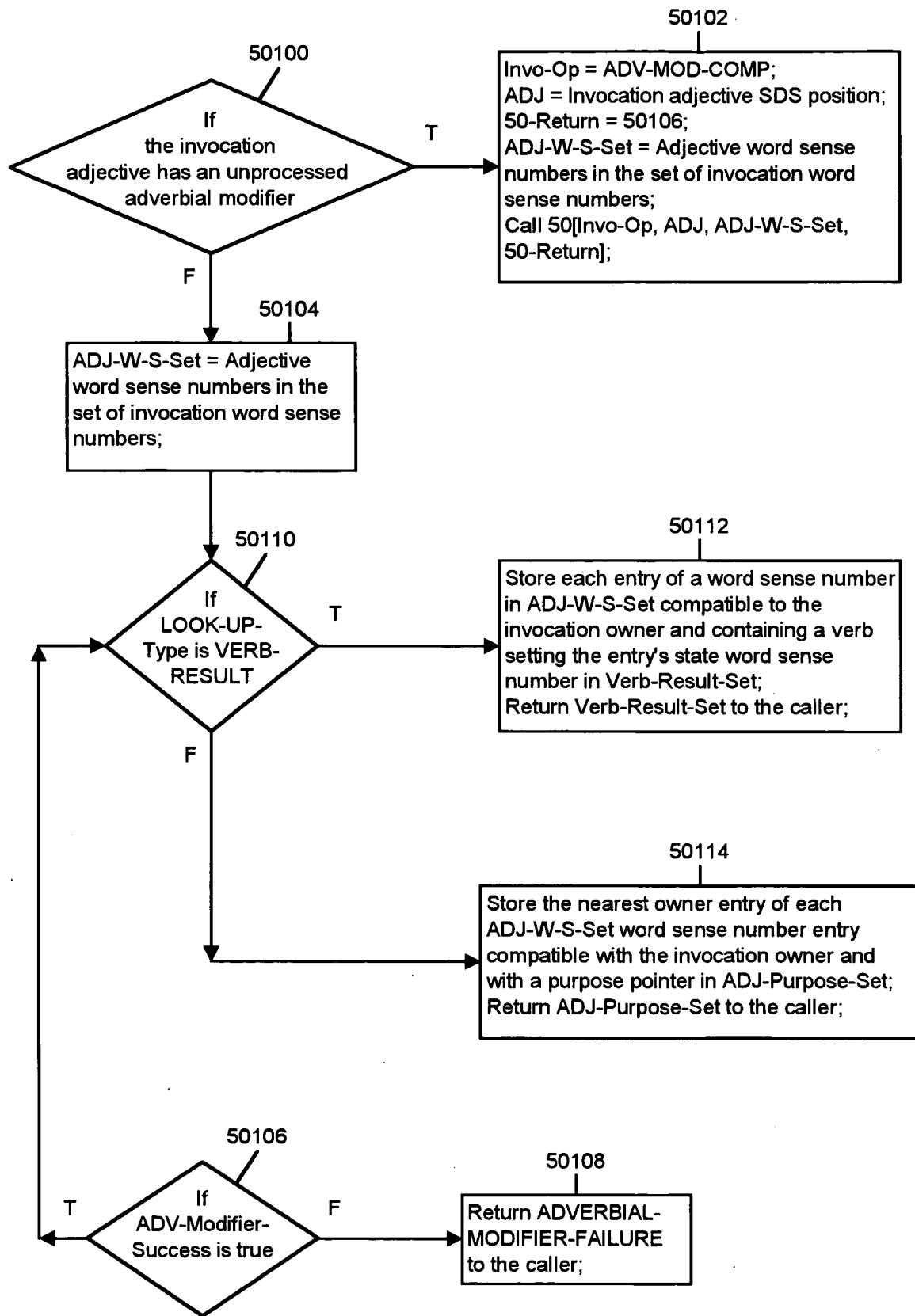


FIG. 20E

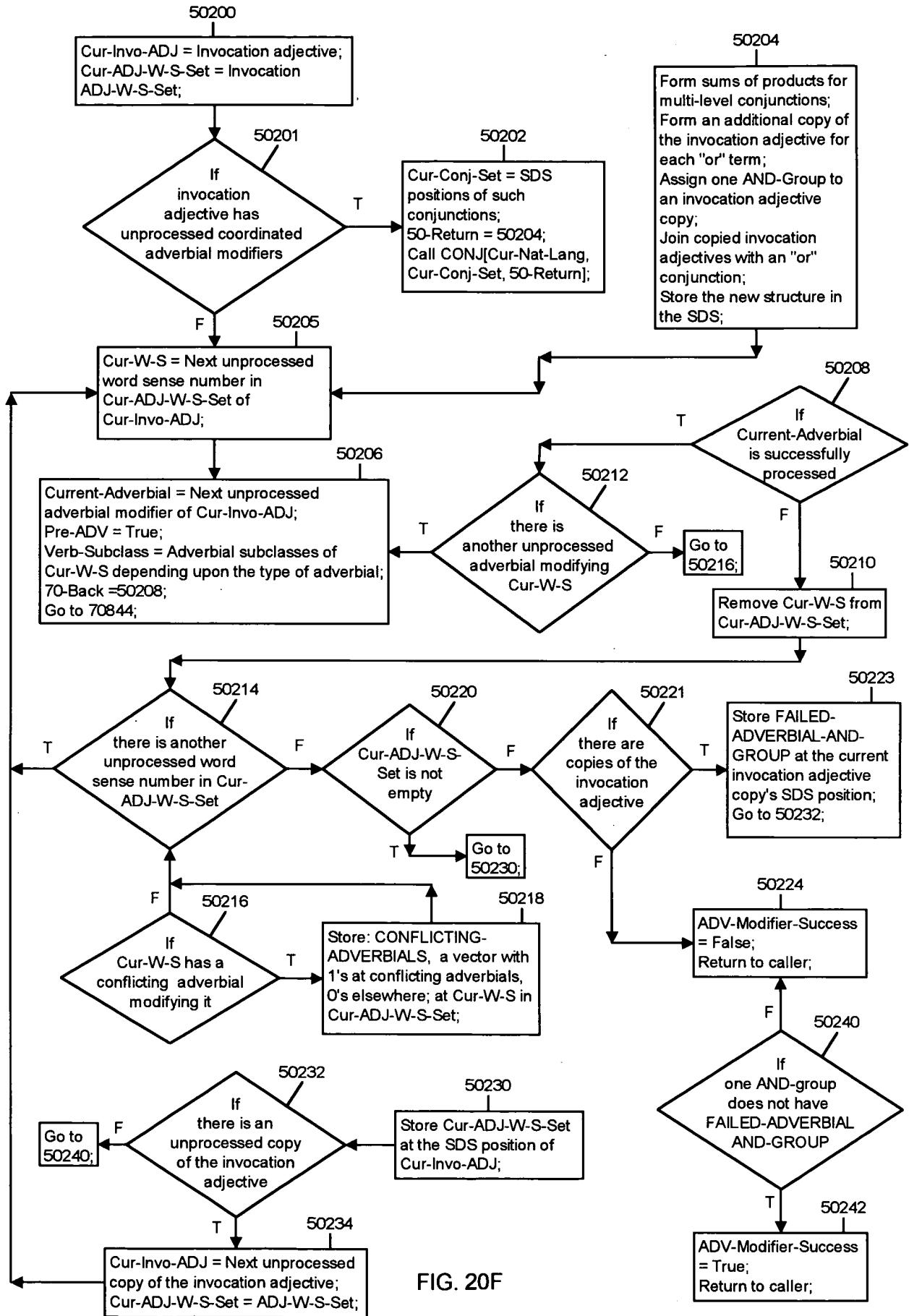


FIG. 20F

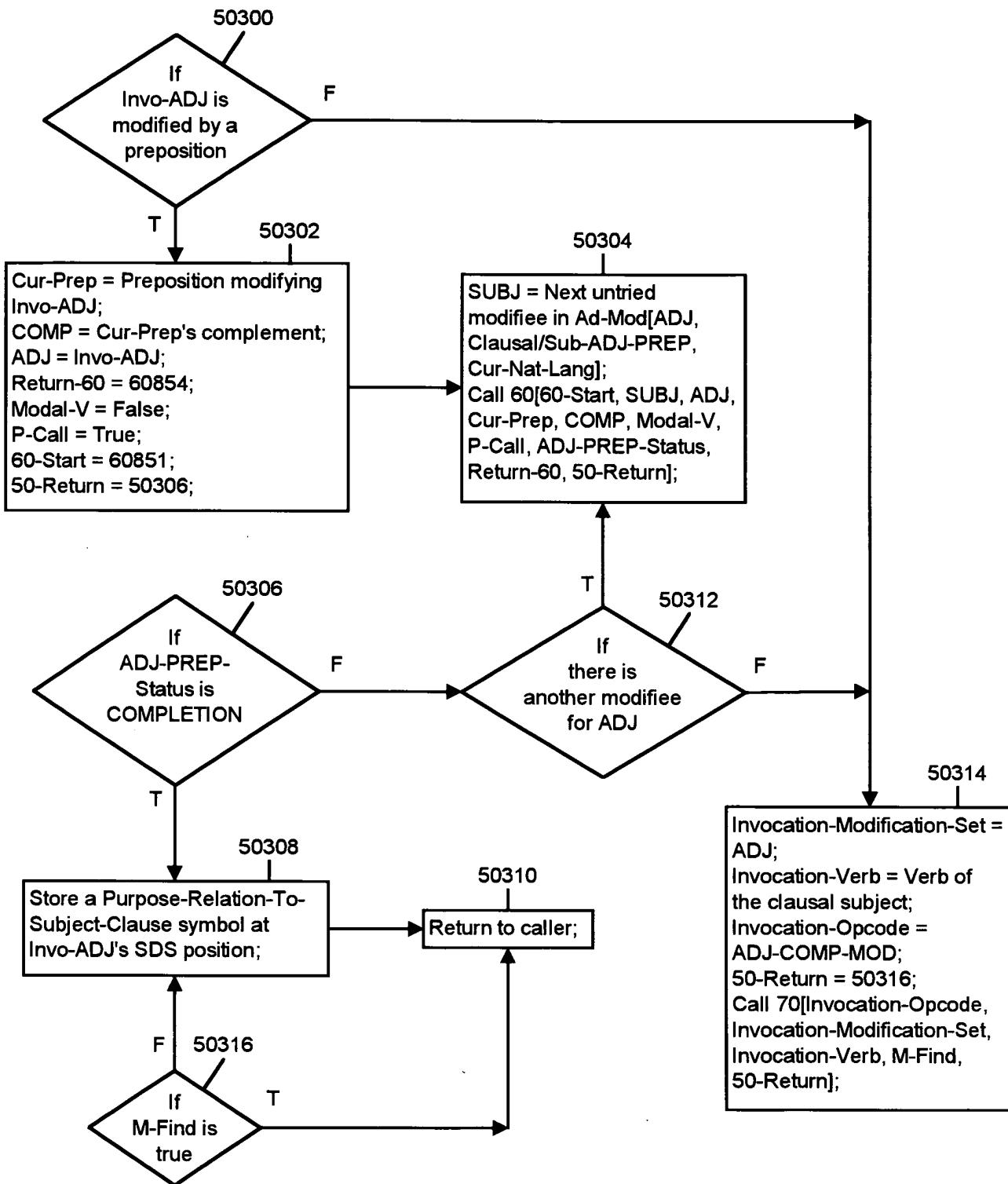


FIG. 20G

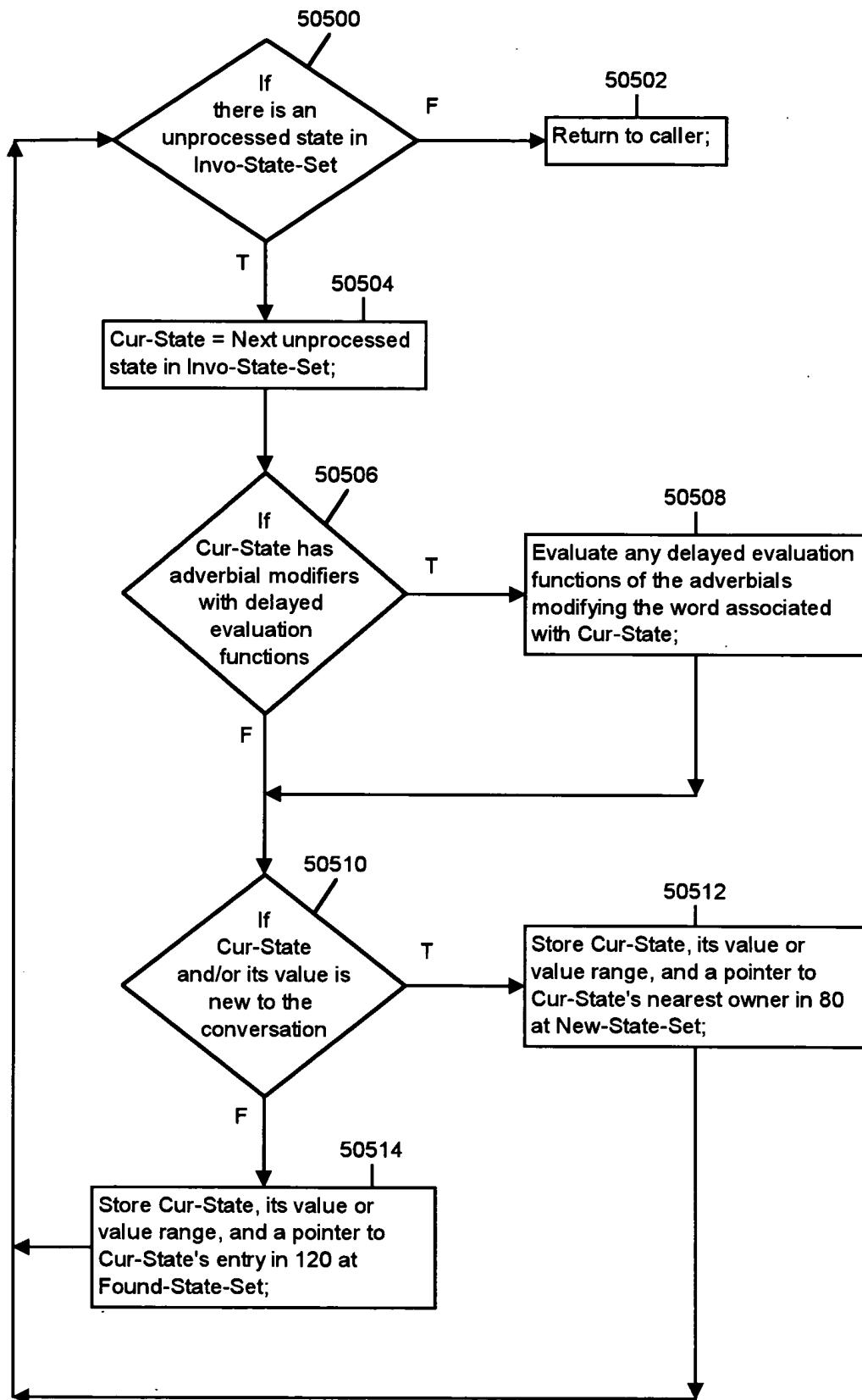


FIG. 20H

PURPOSE ADDRESS FORMAT:

Purpose Identification Number:

Location of related purpose node table;  
Function number;

Path Type Number:

Path Specificity Number:

Path Experience Number Set:

FIG. 21A

PURPOSE NODE ENTRY FORMAT:		
OWNER'S WORD SENSE NUMBER	PURPOSE ADDRESS FUNCTION INDEX AND INTRA-FUNCTION RELATIVE FREQUENCIES	VERB WORD SENSE NUMBER OWNER'S CLAUSE CONSTITUENT INITIAL STATES
State adjective, abstract noun or verb word sense number related to the purposes of the entry;	Purpose address with pointer to the purpose realization entry in 110 or 130 and with a next memory link entry number; partitioned by function types; for each function type, each pointer has a relative frequency for its occurrence within a function;	The initial state value or value range for a non-typical state value of a clause constituent;

FIG. 21B

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PURPOSE REALIZATION ENTRY FORMAT:			
PURPOSE NODE ENTRY ADDRESS(ES)	PROCESS APPLICATION VECTOR or NUMBER	CONSEQUENCE PURPOSE ADDRESS	MOTIVATION PURPOSE ADDRESS
OTHER ADDRESSES	ENTRY'S MEMORY LOCATION		
Entry(s) of the owning purpose node address(es) plus optional path specificity vector(s);	Process application vector for purpose addresses with multiple possible processes or a process number otherwise;	Purpose or purpose tree of consequences related to the owner clause and this purpose realization;	Motivation purpose or purpose of owner clause related to this purpose realization;

FIG. 21C

MEMORY 150 ENTRY FORMAT:

PURPOSE REALIZATION ENTRY ADDRESS	LINK TYPES	LEVEL NUMBER AND ORDER TYPE	PRECEDING LINK ENTRY ADDRESS(Es)	CONCURRENT LINK ENTRY ADDRESS(Es)	SUCCEEDING LINK ENTRY ADDRESS(Es)	RELATIVE FREQUENCY OF SEQUENTIALLY RELATED LINK ENTRIES	CONCURRENT ENTRIES SYNCHRONIZATION TYPE
Owning purpose's 110 or 130 purpose realization entry address;	# of preceding link entry addresses, # of concurrent link entry addresses, # of succeeding link entry addresses;	Number of entities between the word sense number and the start of the purpose; order type: SET, VARIABLE;	Location(s) of preceding entries in 150 of this entry including its specific address;	Location(s) of concurrent entities in 150 of this entry and access conditions;	Location(s) of succeeding entries in 150 of this entry and access conditions;	Relative frequency of a succeeding link entry relative to all its alternative succeeding link entries;	NULL - No synchronization; Number - Time units to start of concurrent clause; Range - Synchronized within lower limit to upper limit; negative limit implies number of preceding units; positive limit implies number of succeeding units;

FIG. 21D

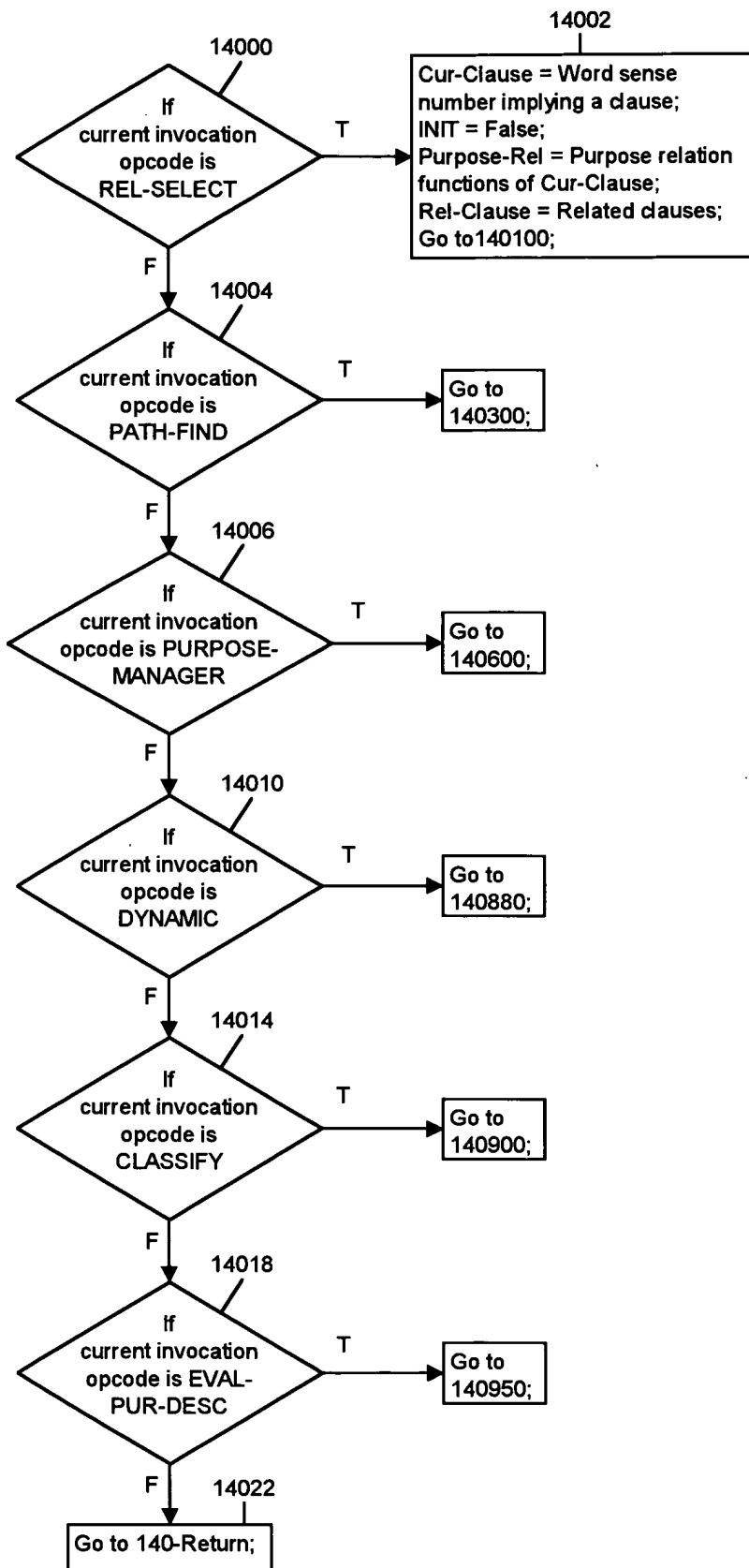


FIG. 21E

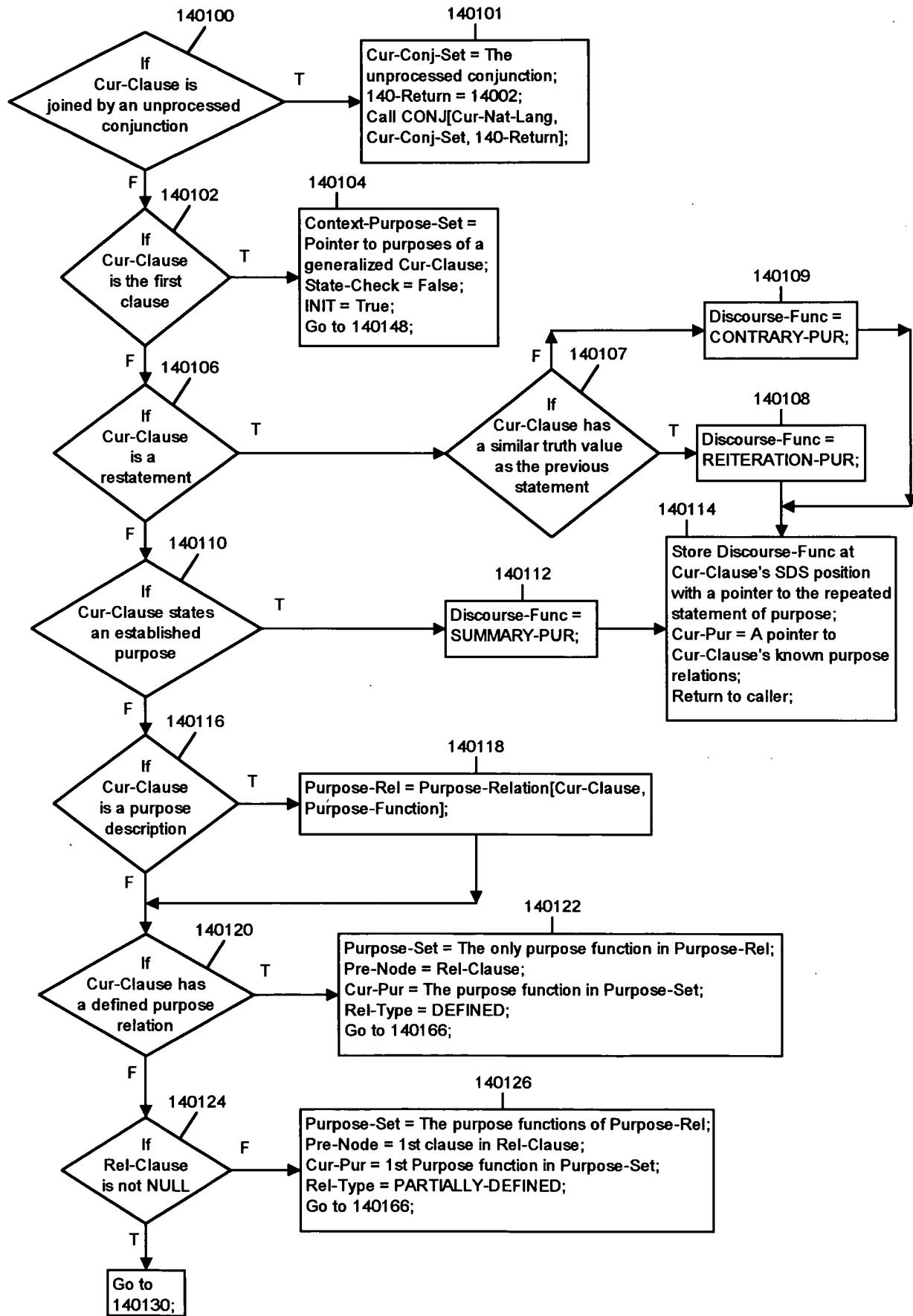


FIG. 21F

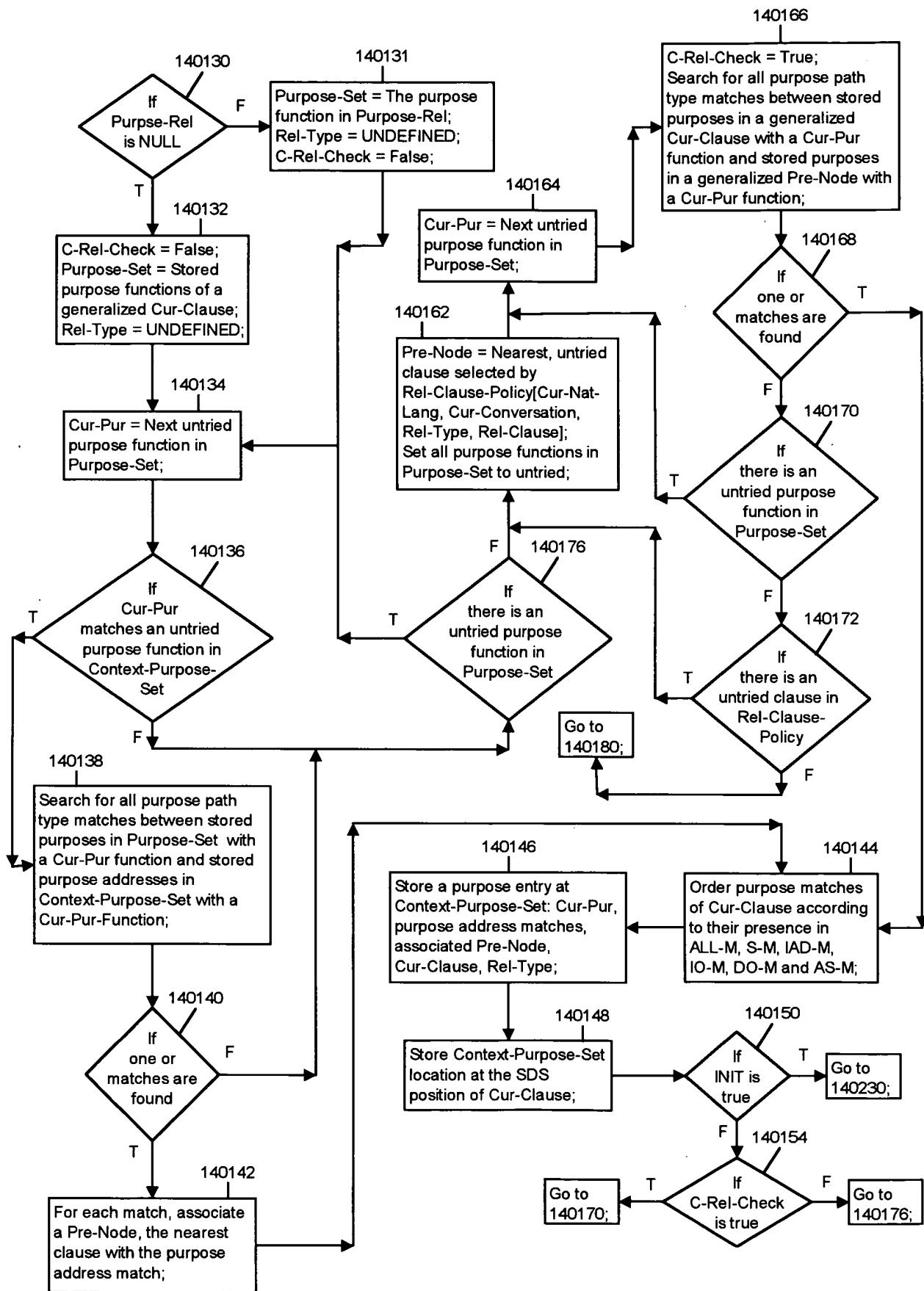


FIG. 21G

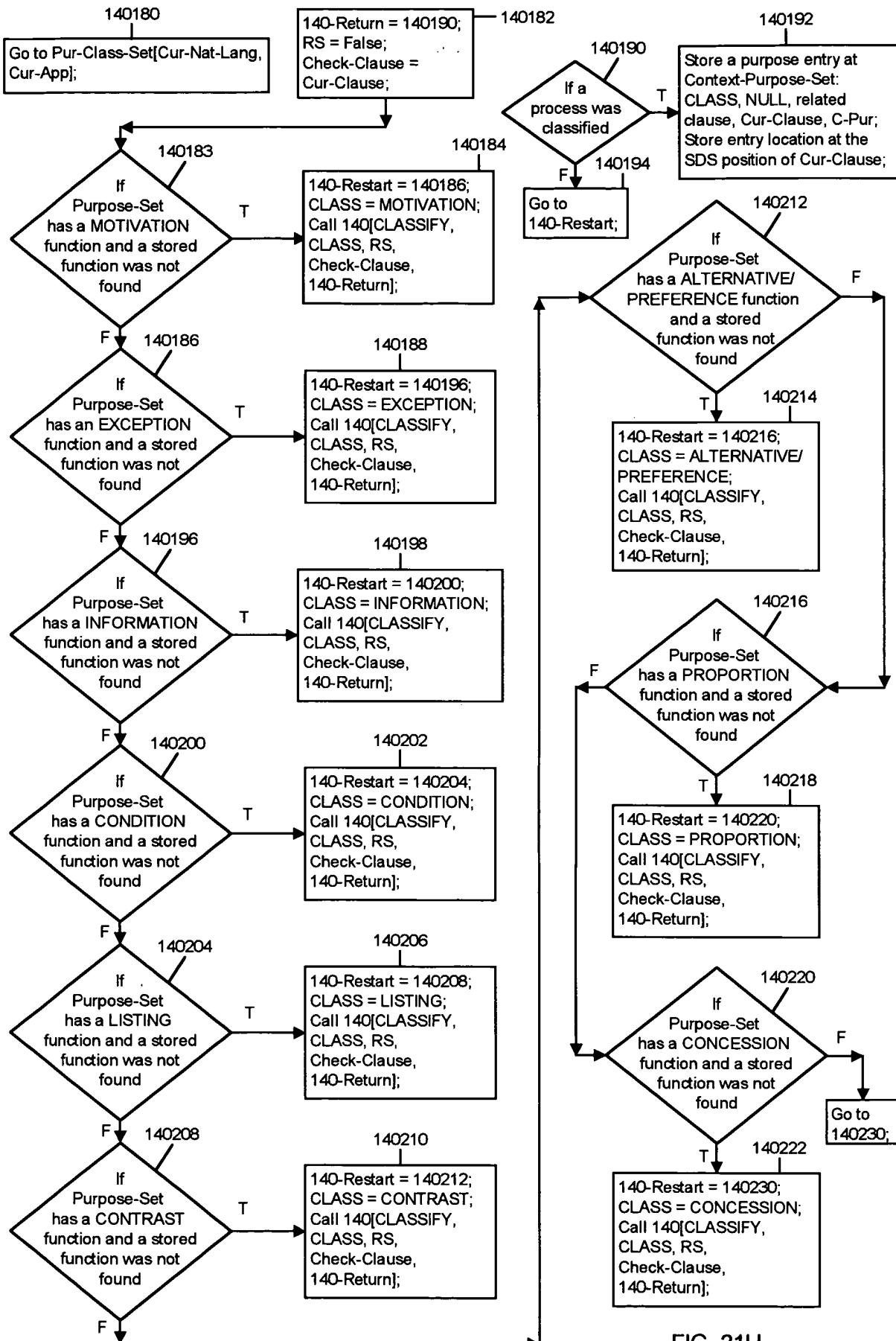


FIG. 21H

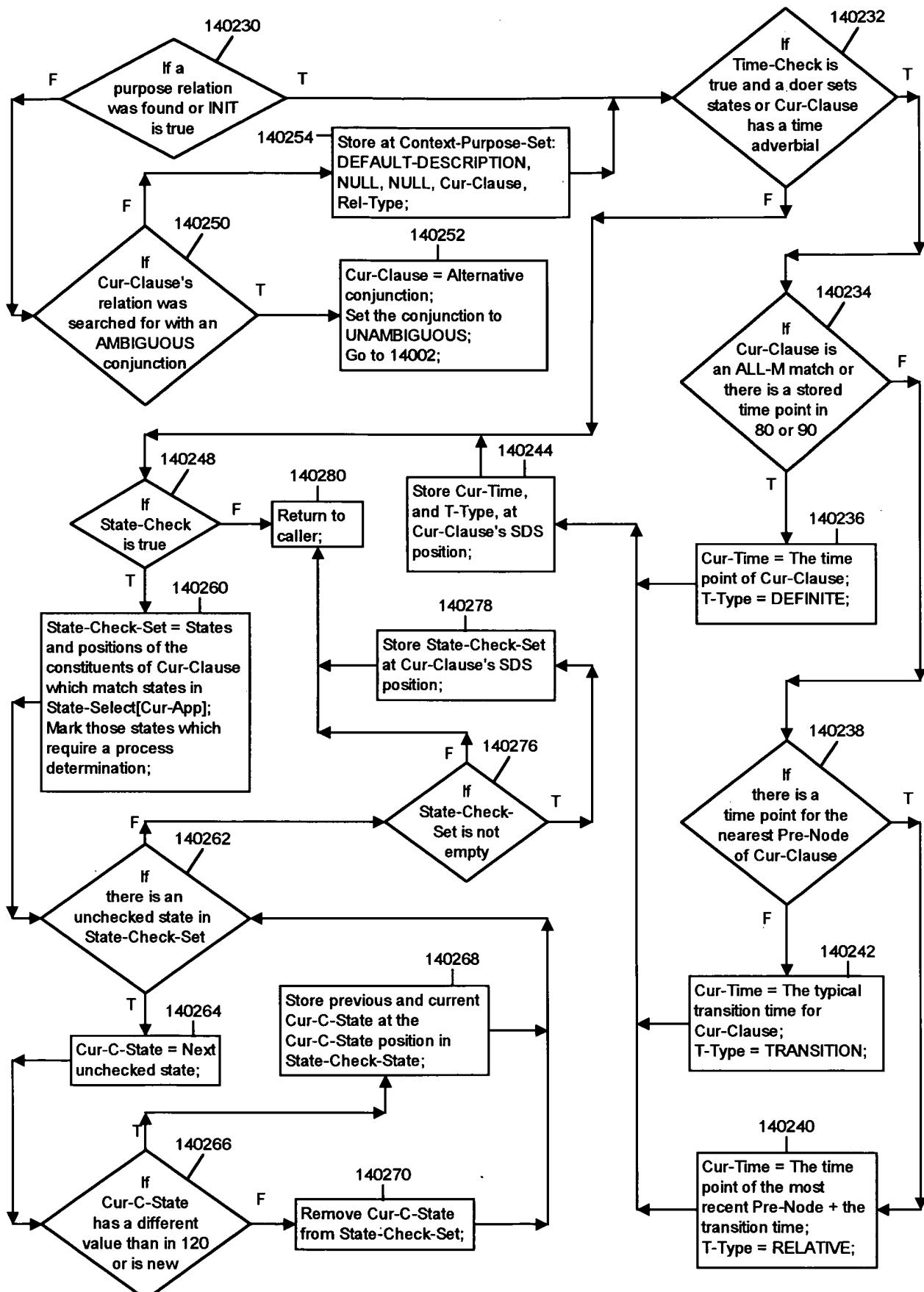


FIG. 211

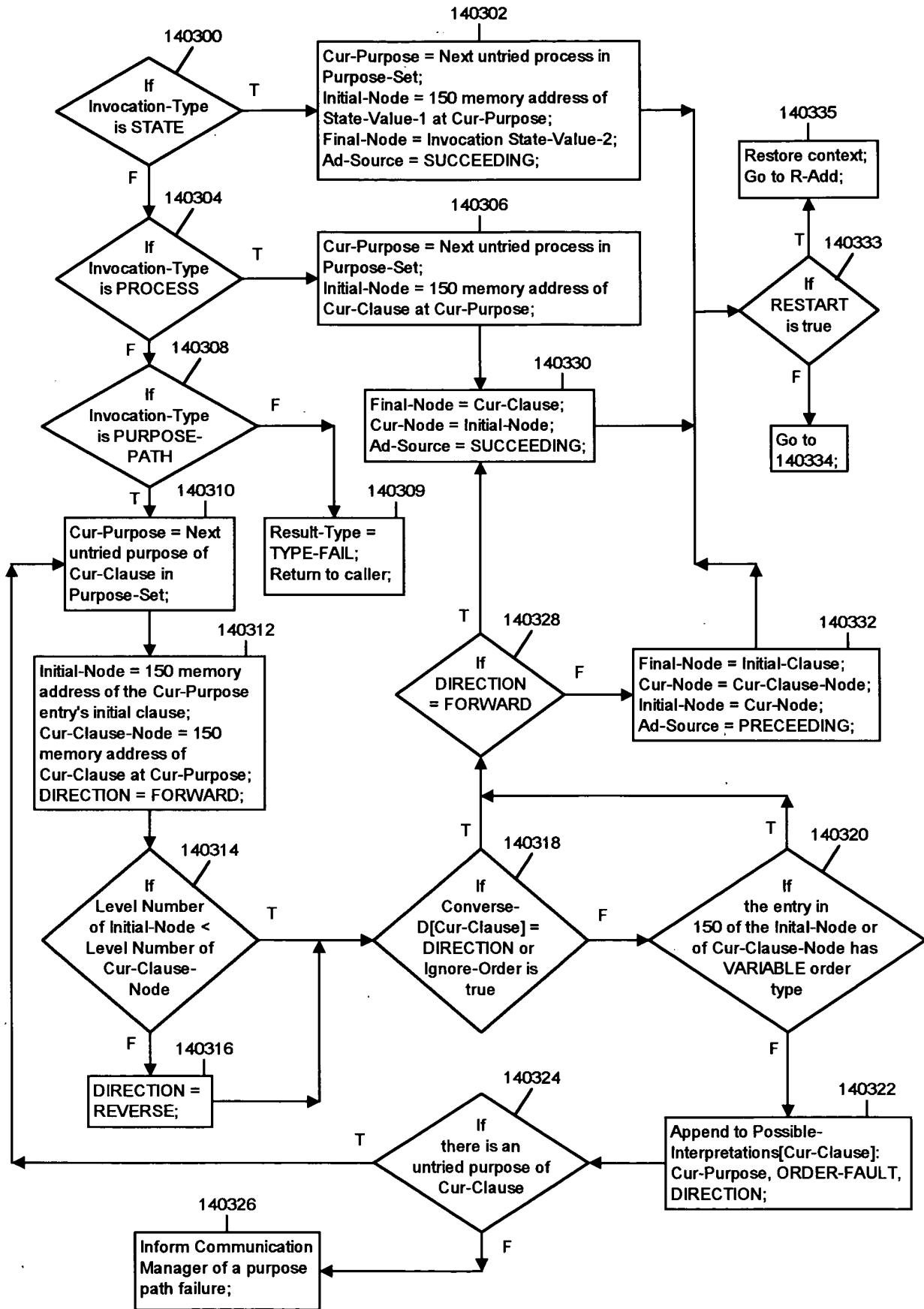


FIG. 21J

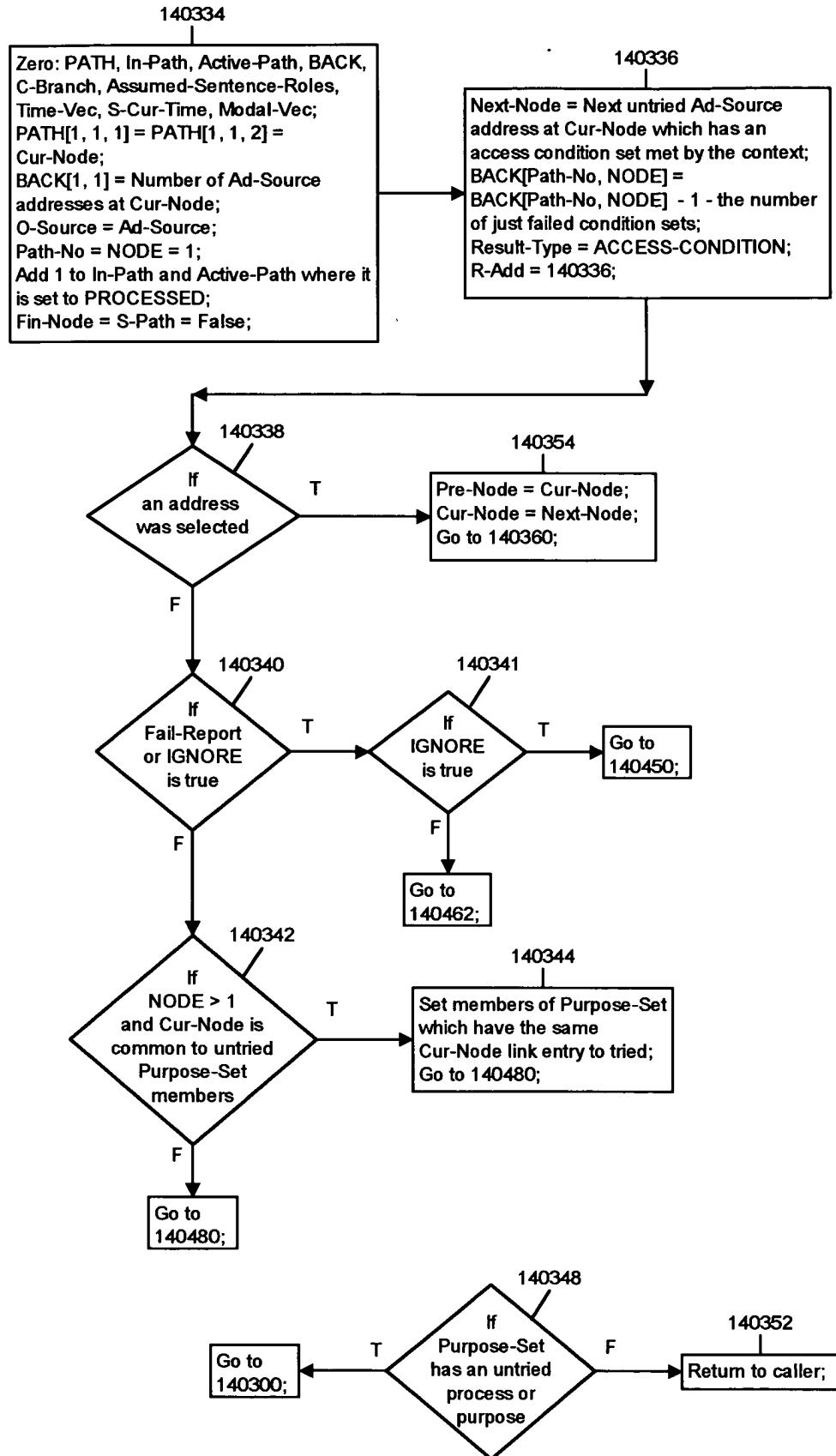


FIG. 21K

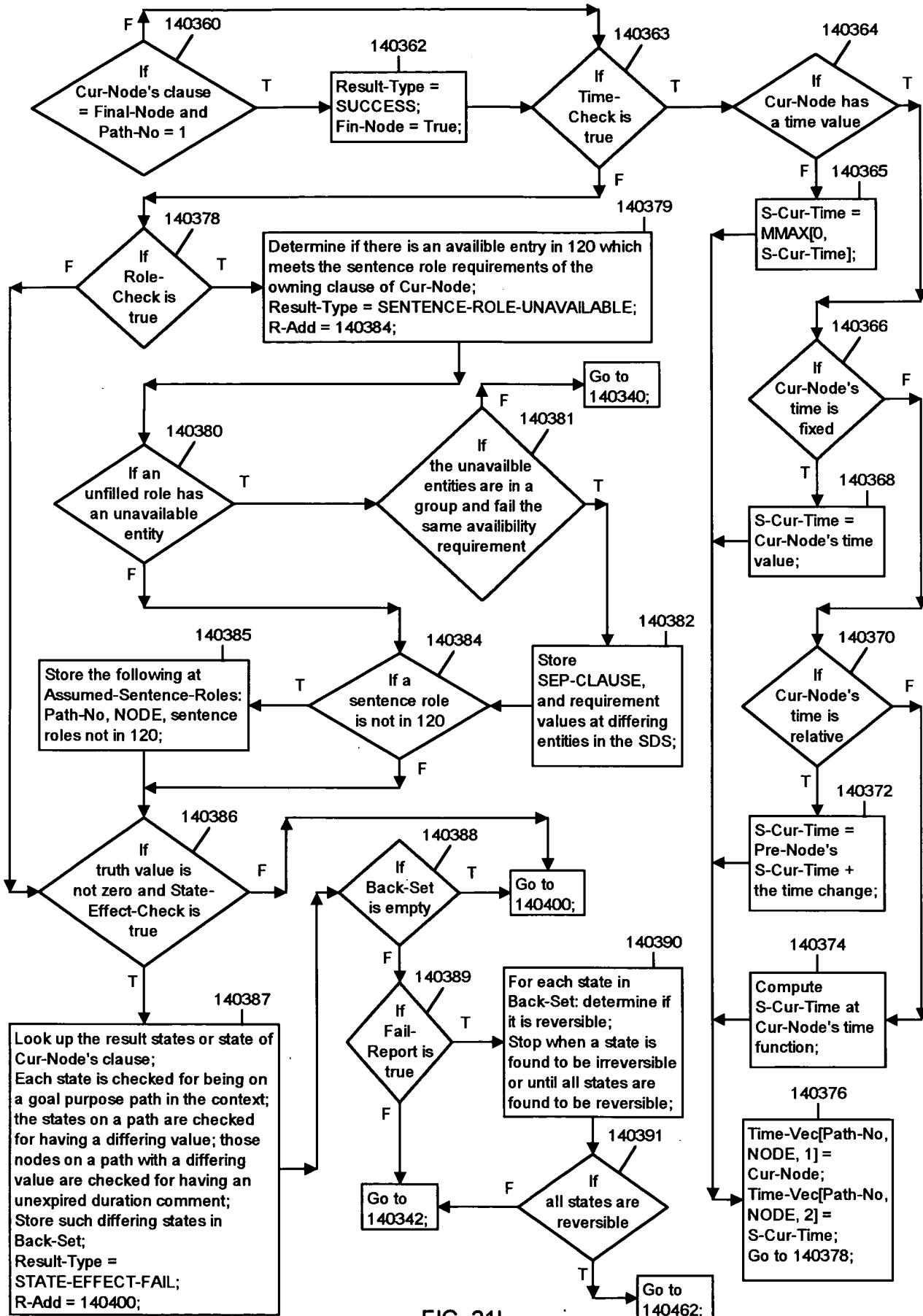


FIG. 21L

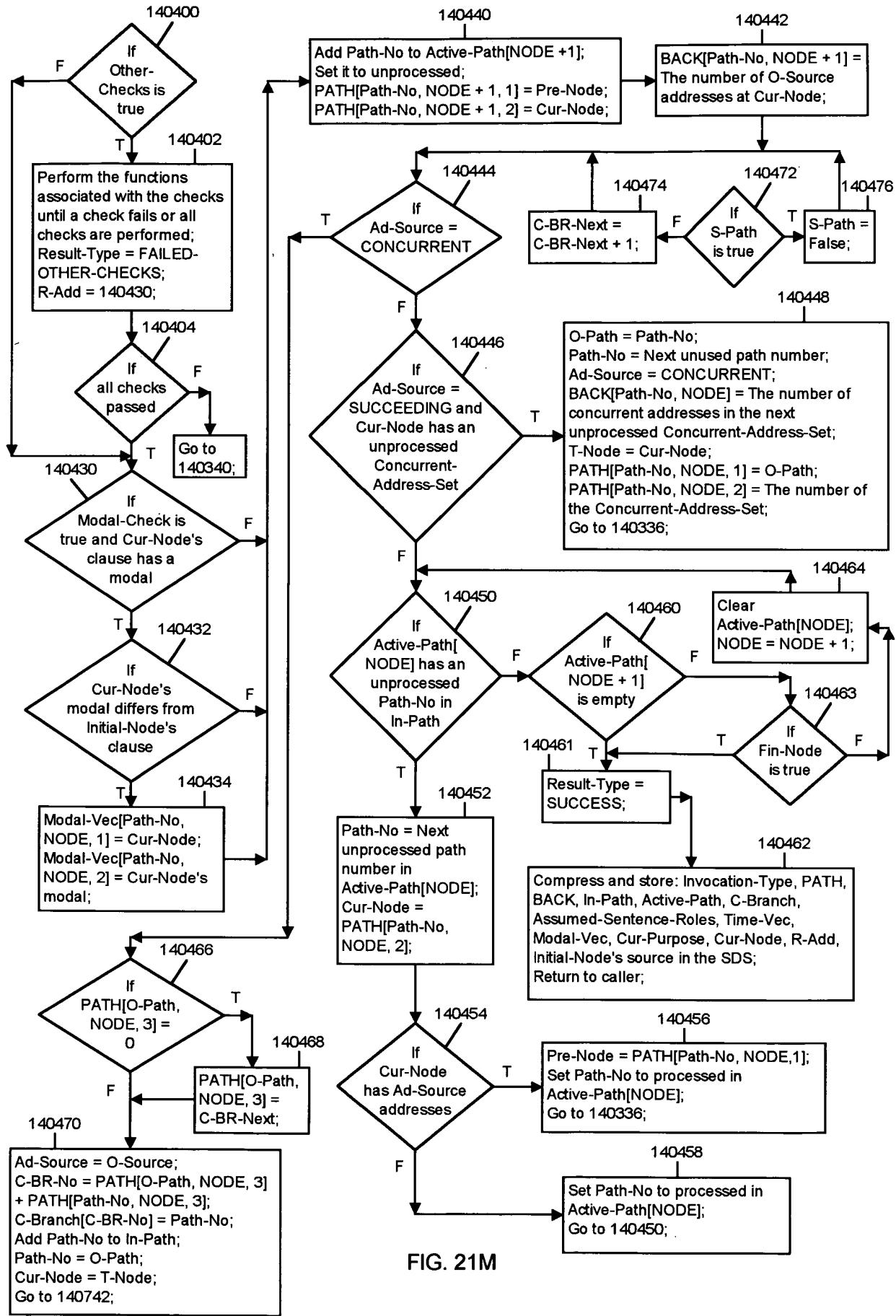


FIG. 21M

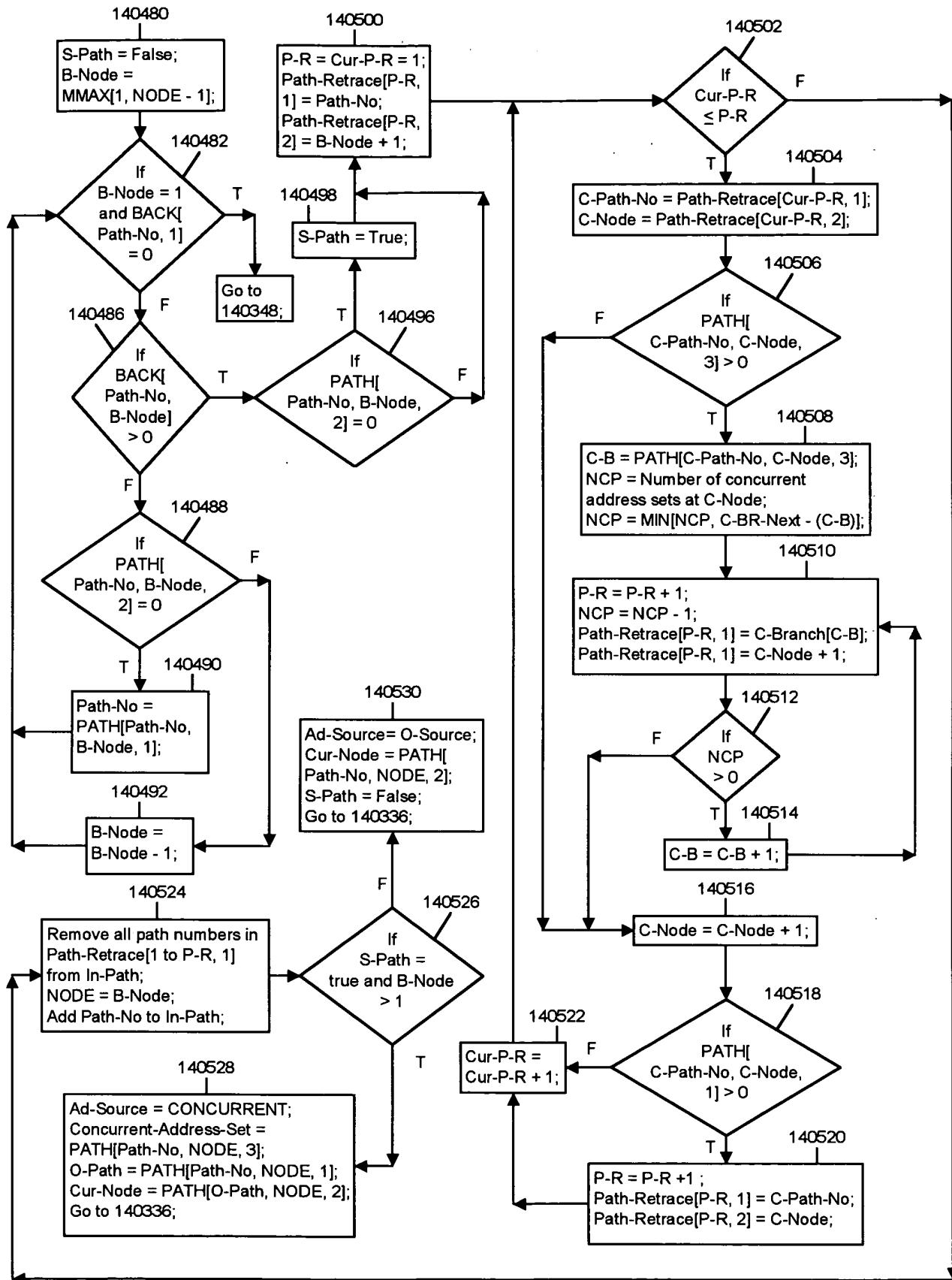


FIG. 21N

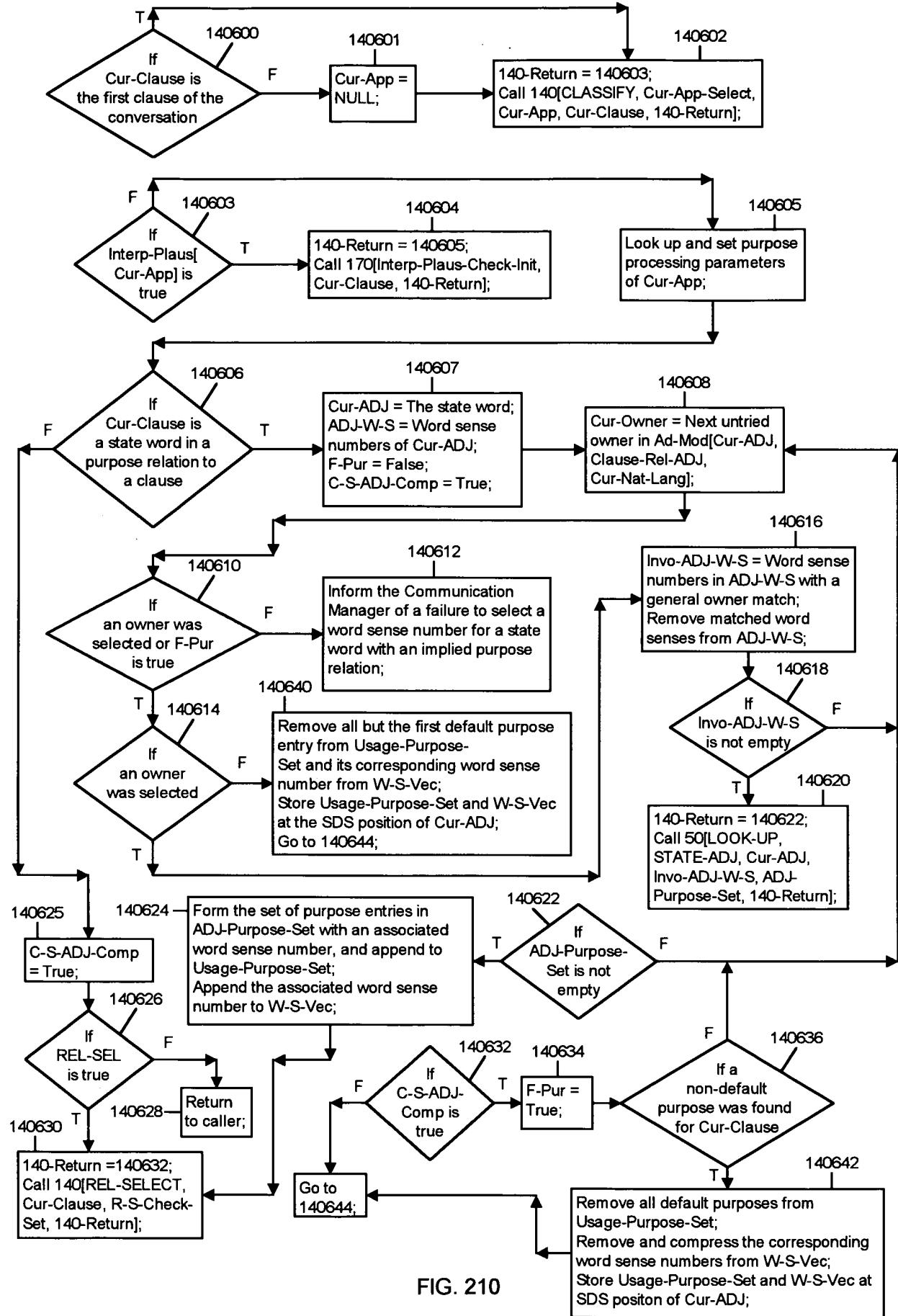


FIG. 210

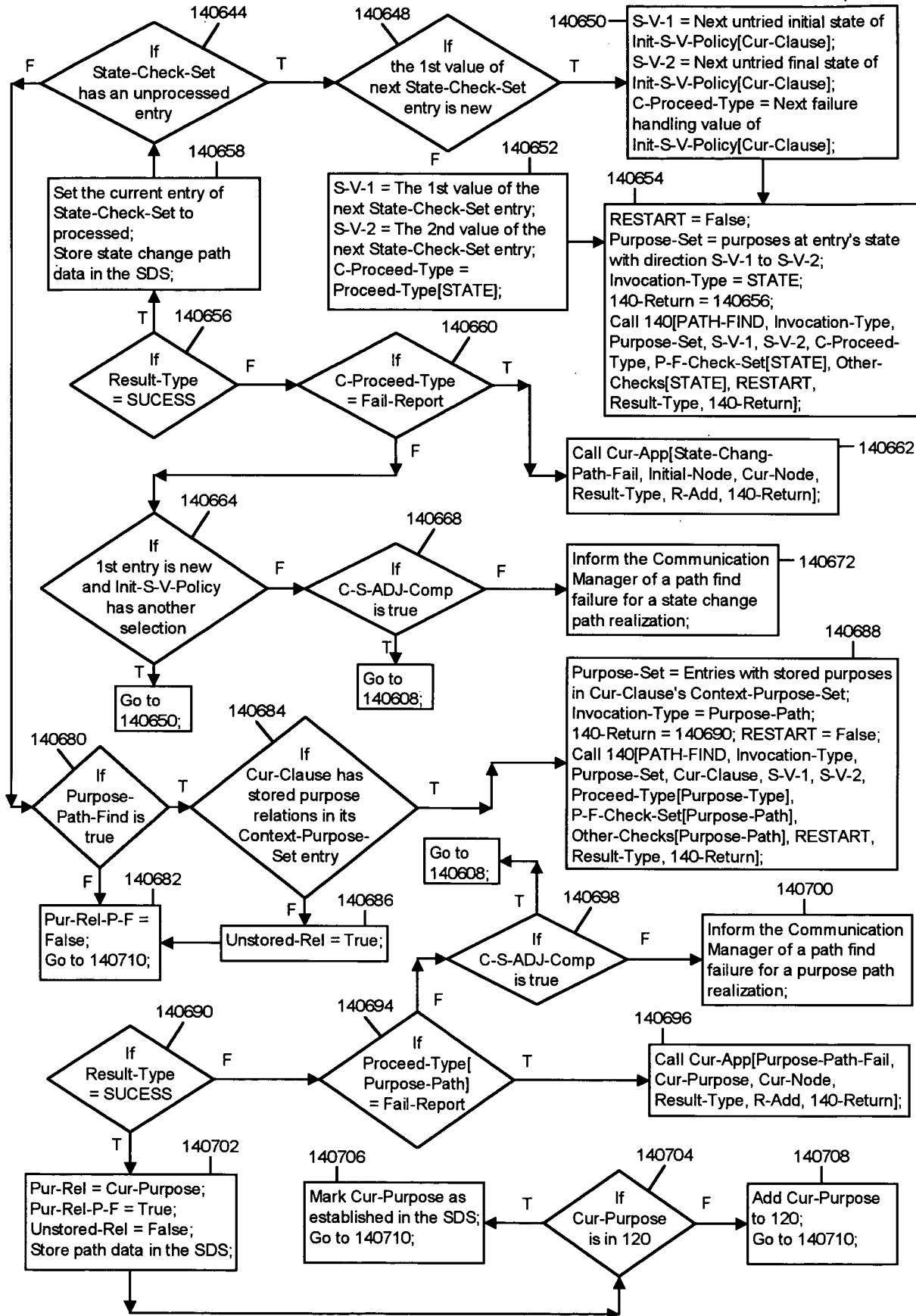


FIG. 21P

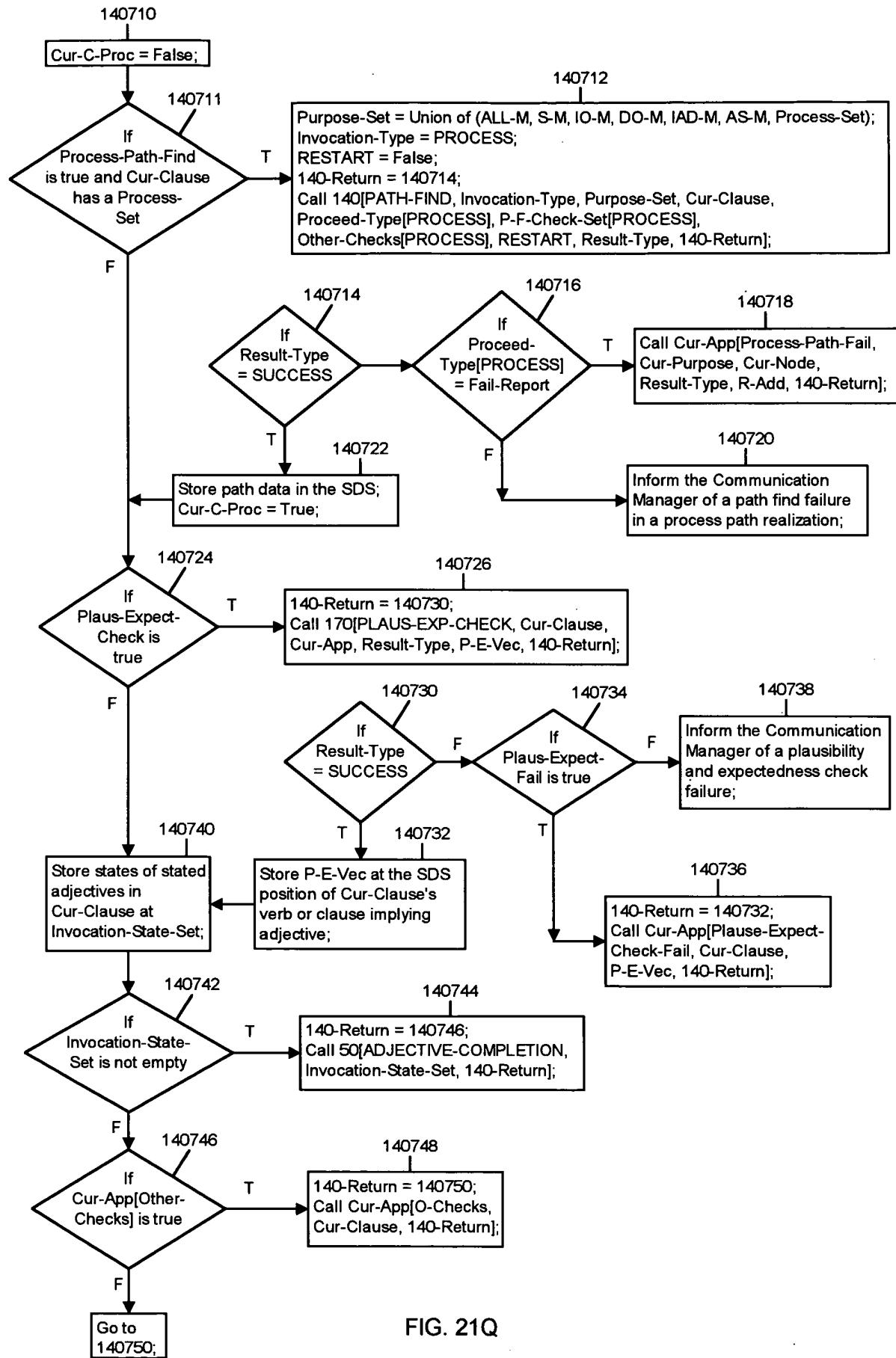


FIG. 21Q

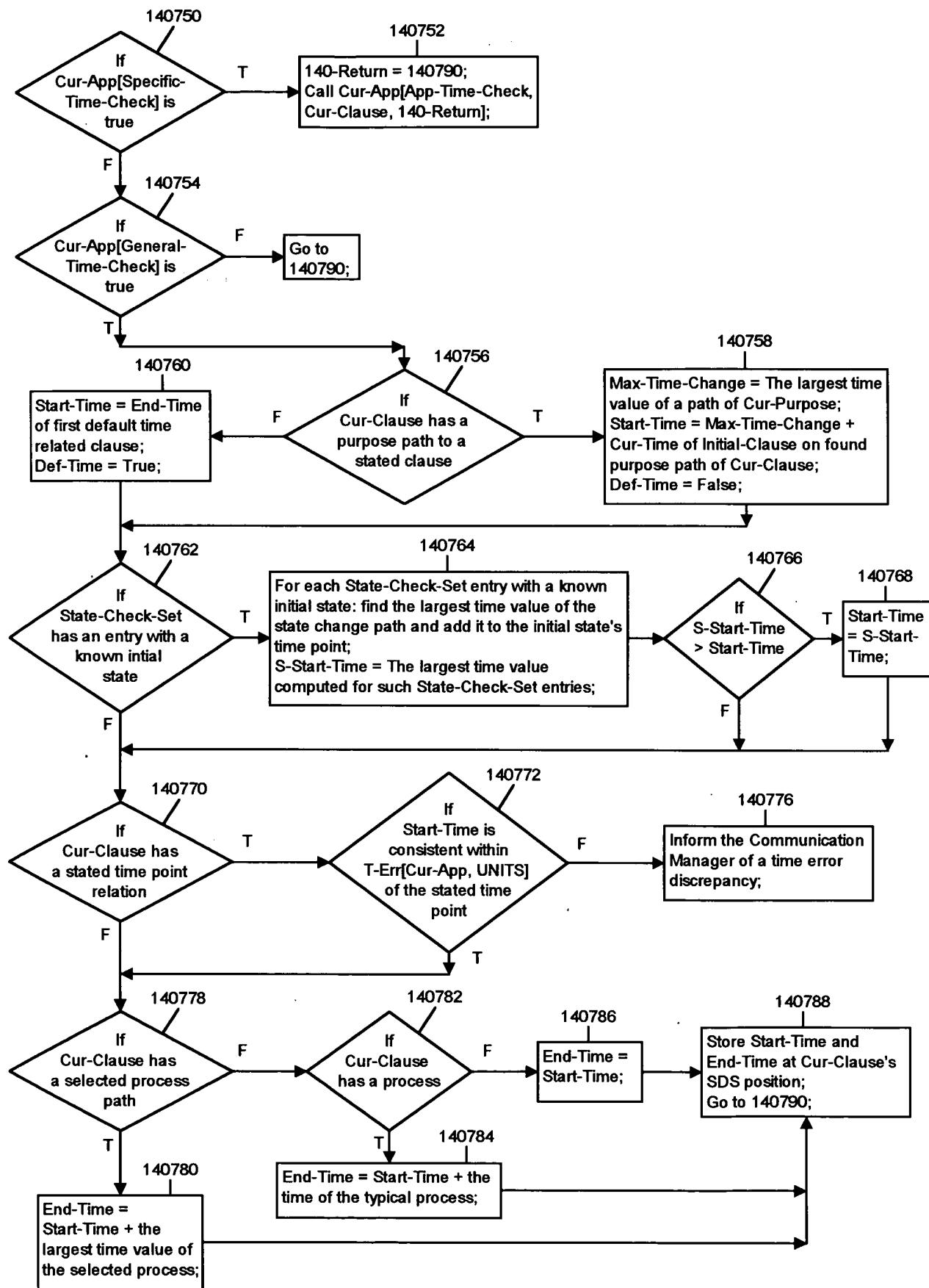


FIG. 21R

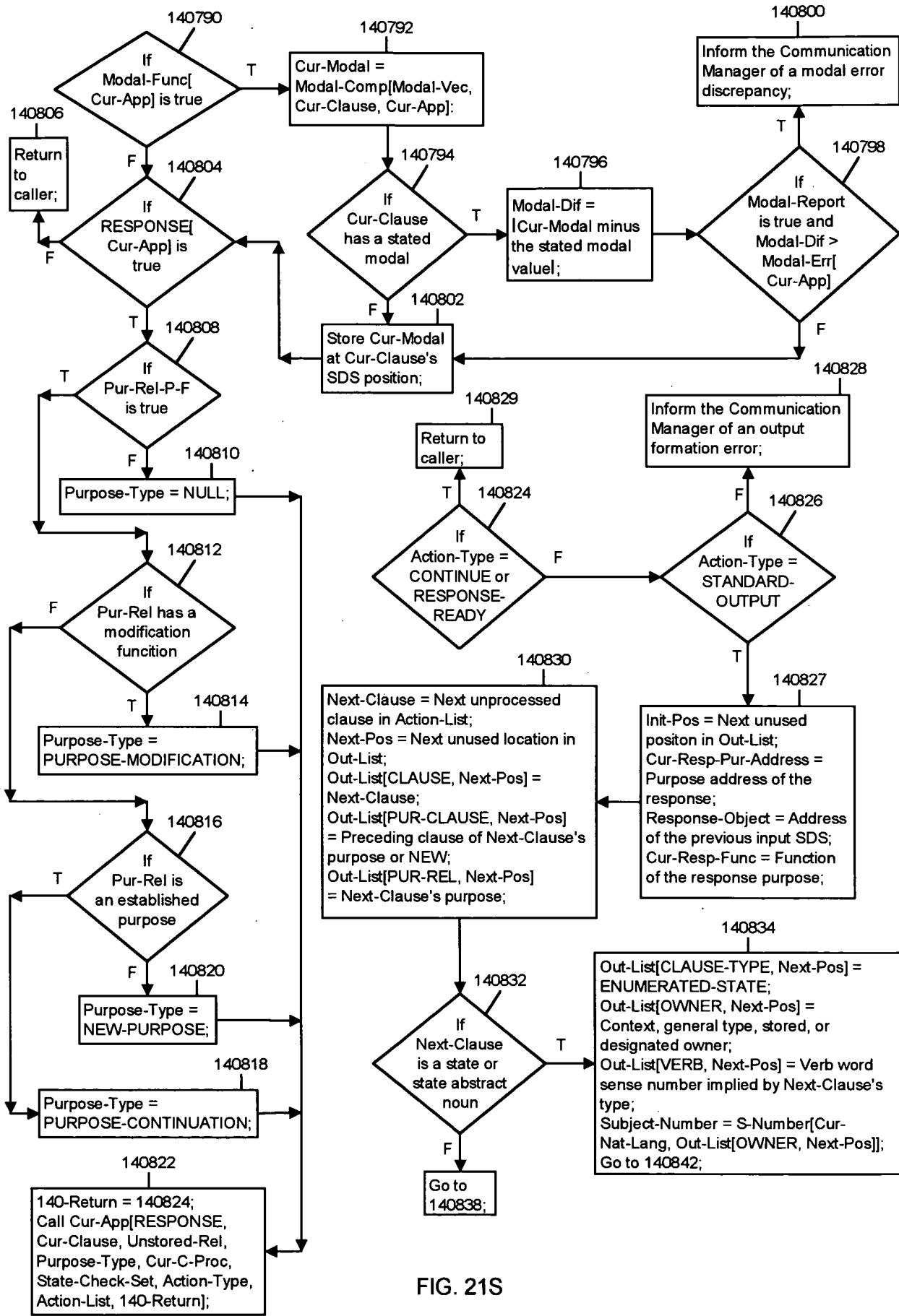


FIG. 21S

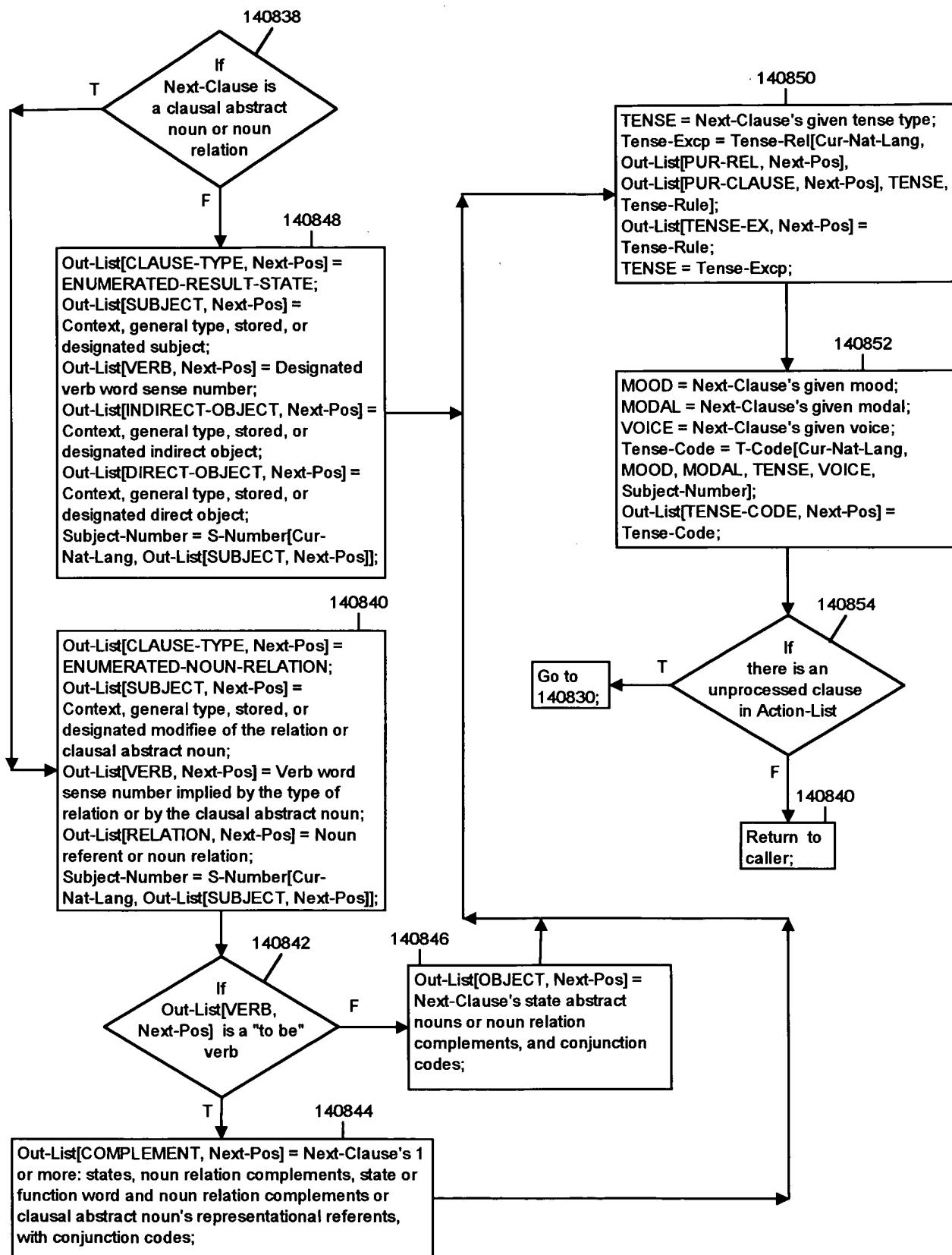


FIG. 21T

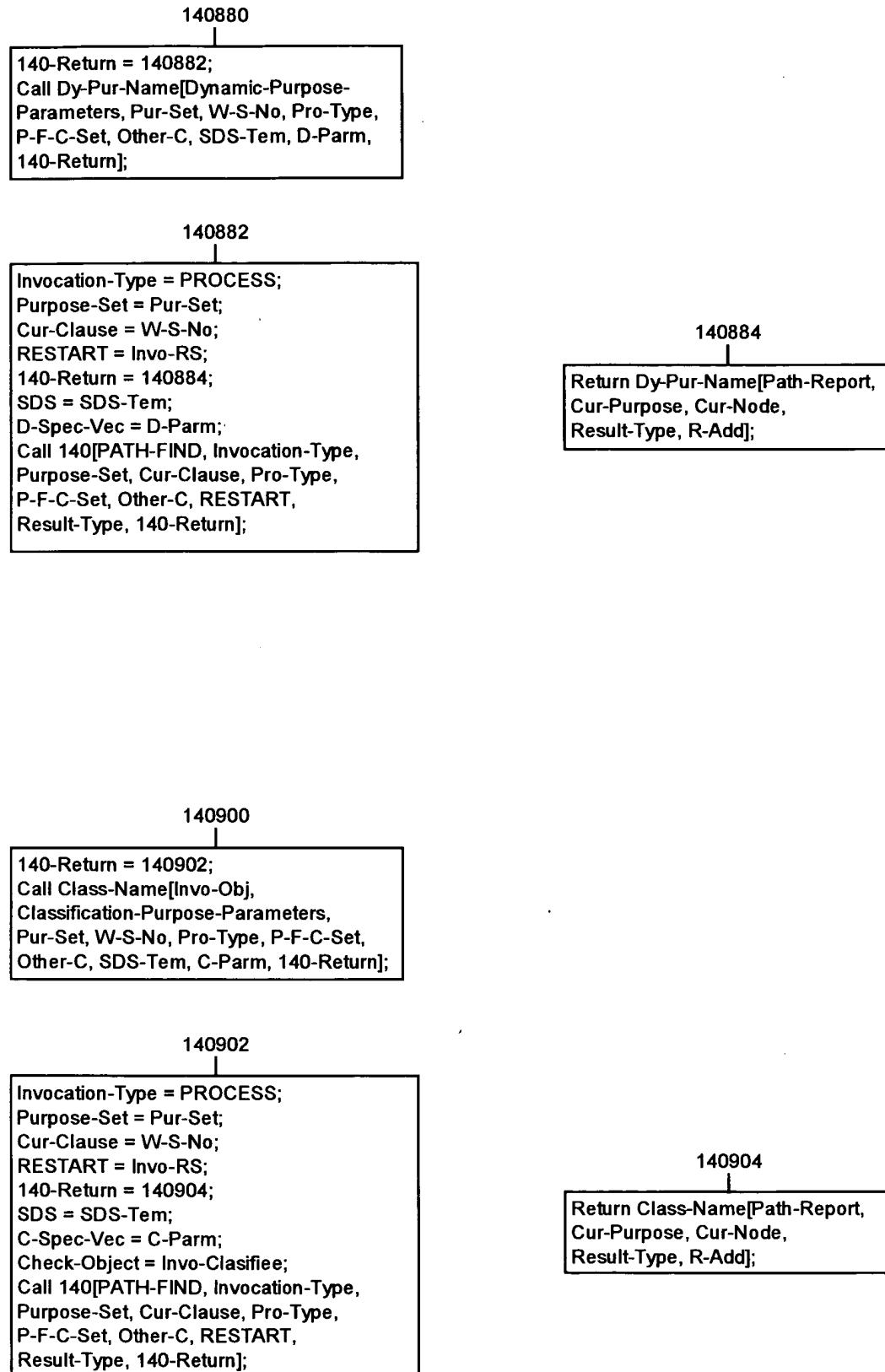


FIG. 21U

140950

Transfer Invo-P-No parameters from  
Invo-Table to Pur-Desc-Table;  
140-Return = 140952;  
Call Invo-Pur-Desc-Name[Pur-Desc-Table];

140952

Return Result-Table  
to caller;

FIG. 21V

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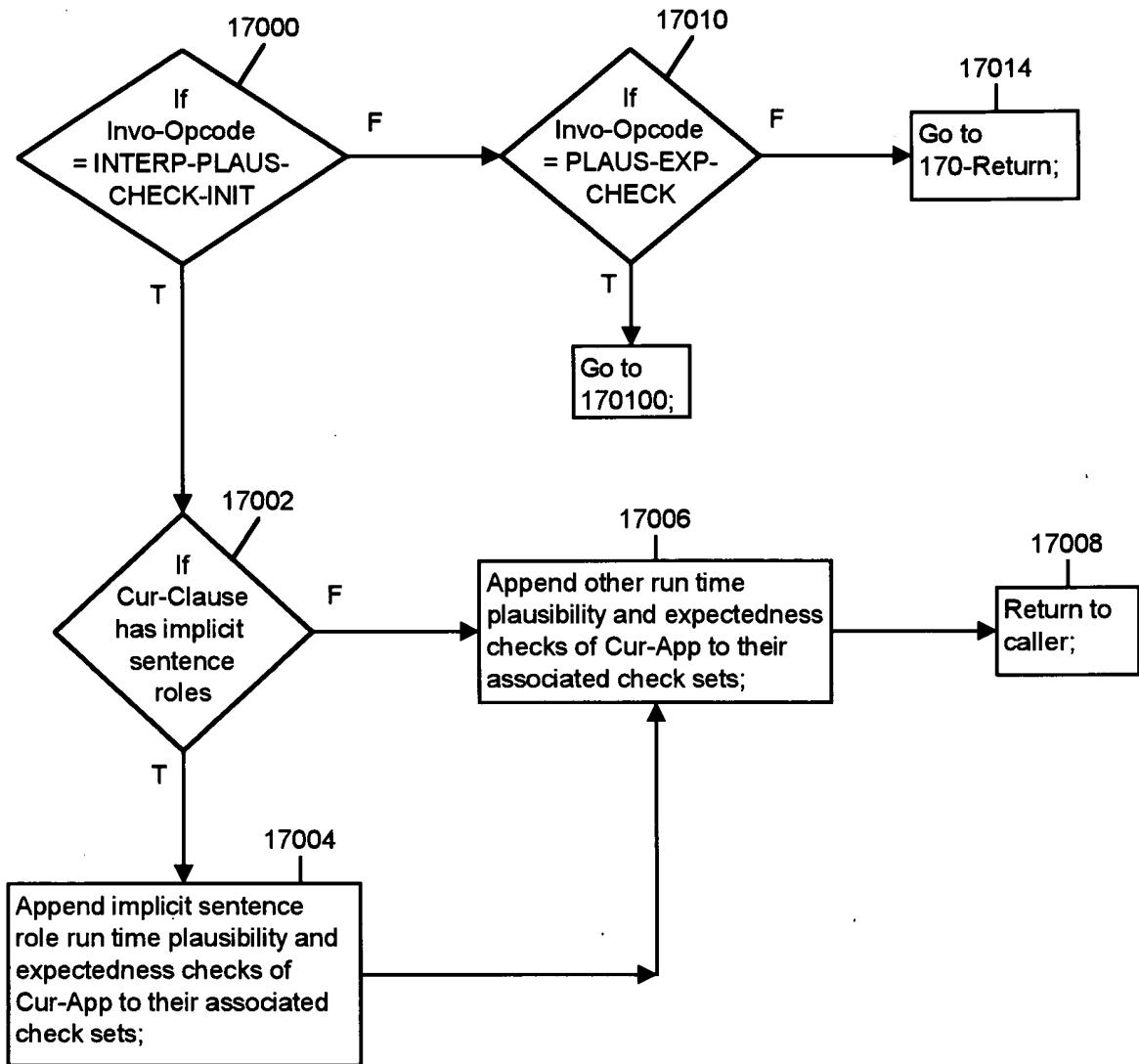


FIG. 22A

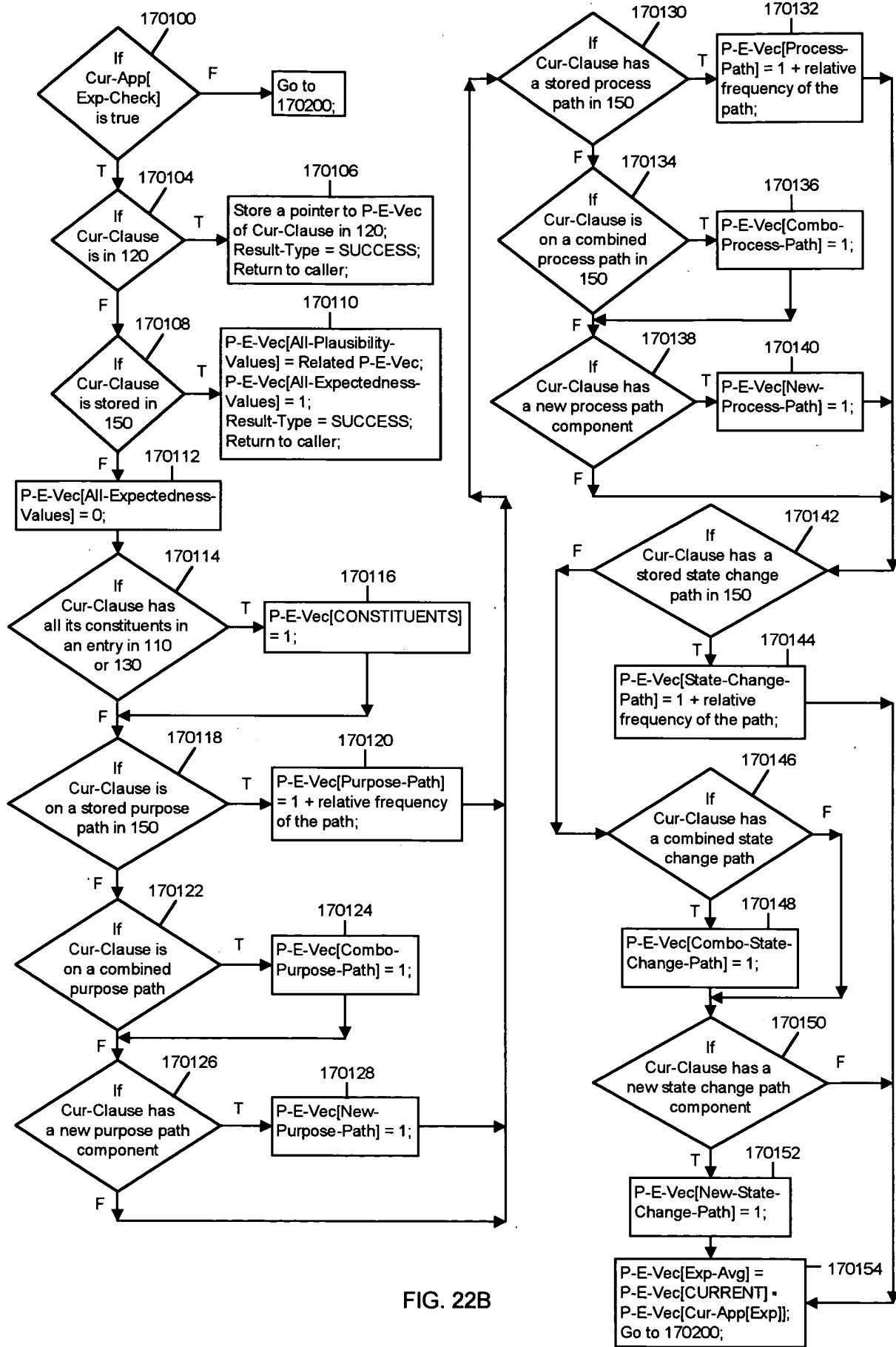


FIG. 22B

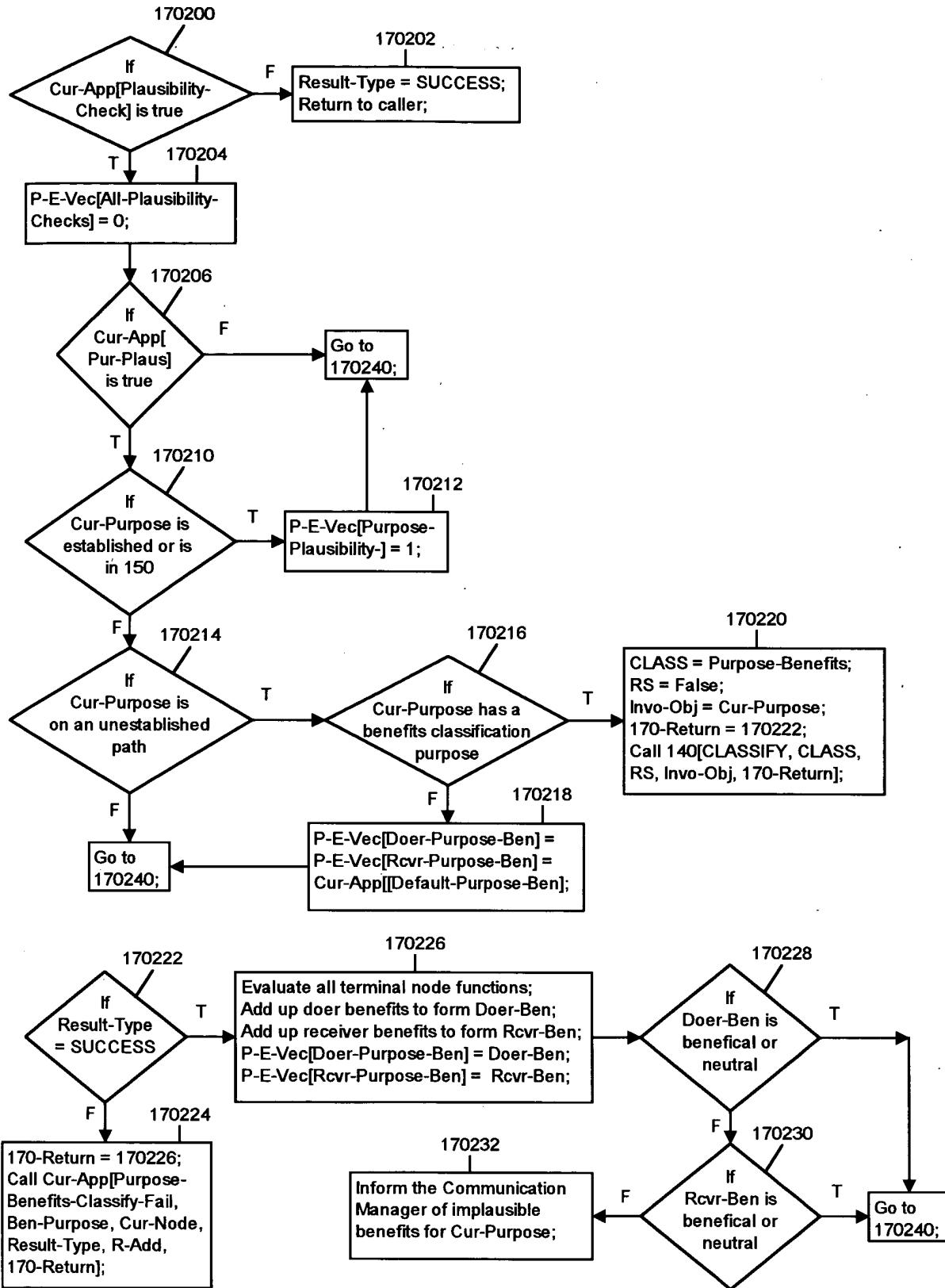


FIG. 22C

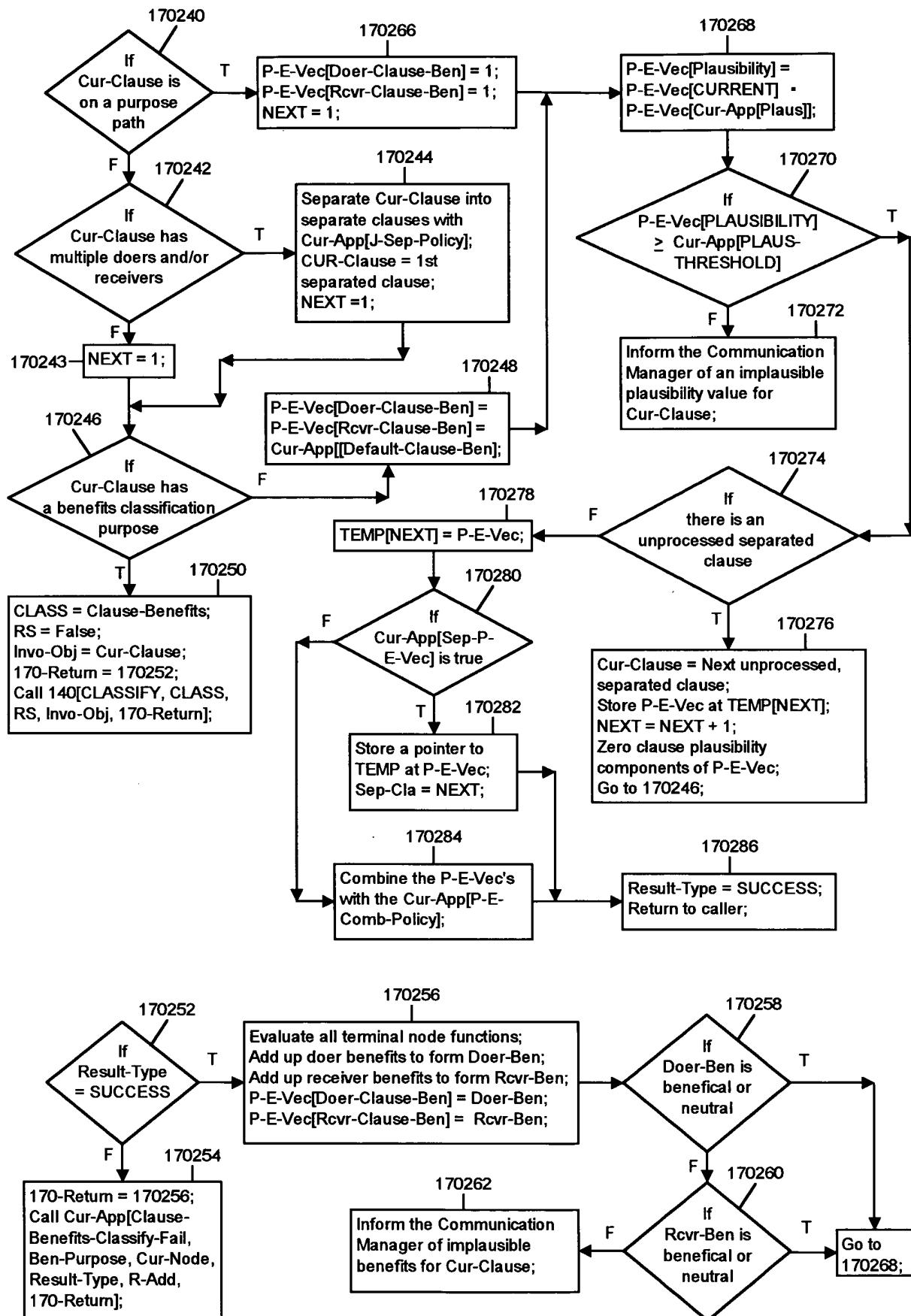


FIG. 22D

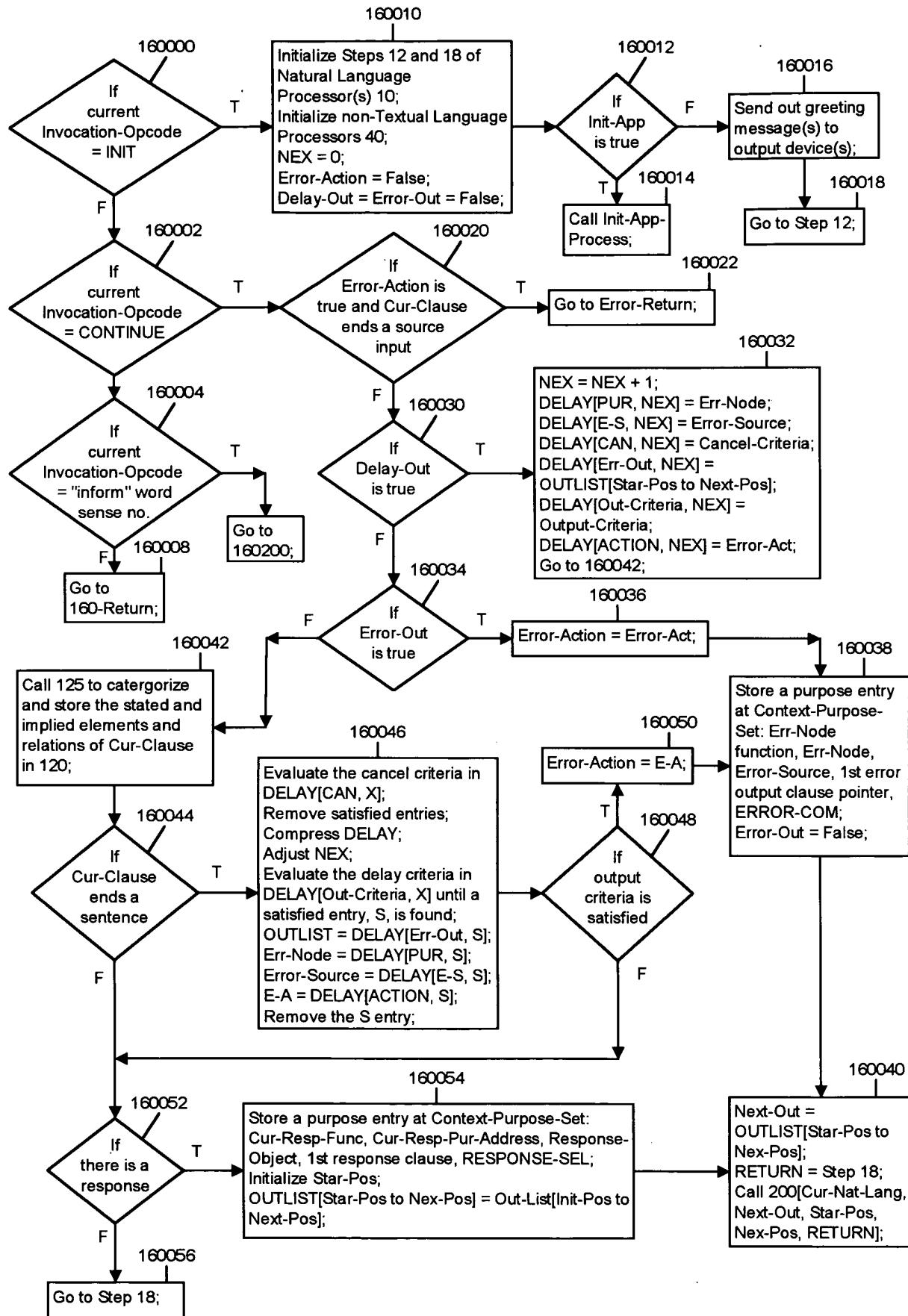


FIG. 23A

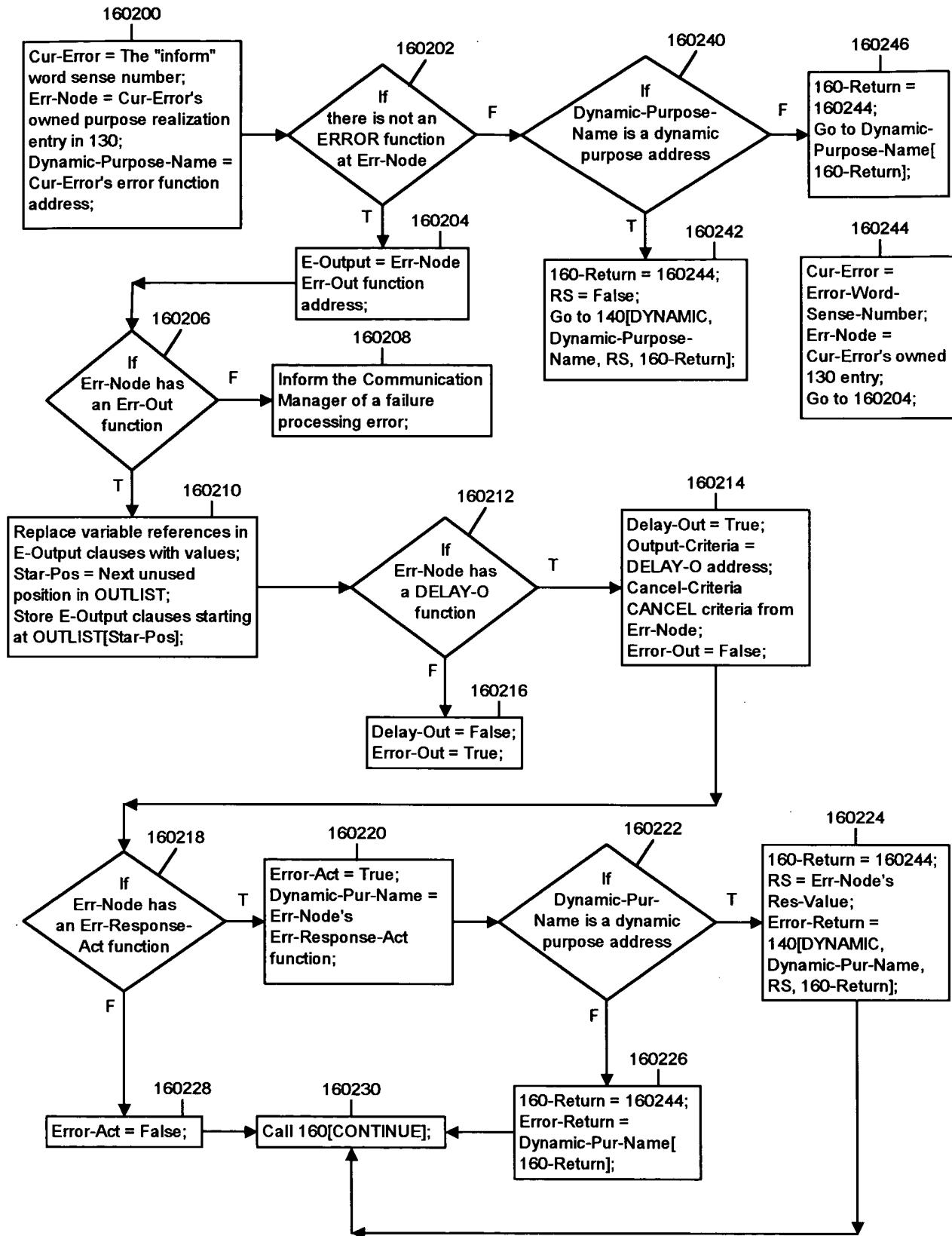


FIG. 23B

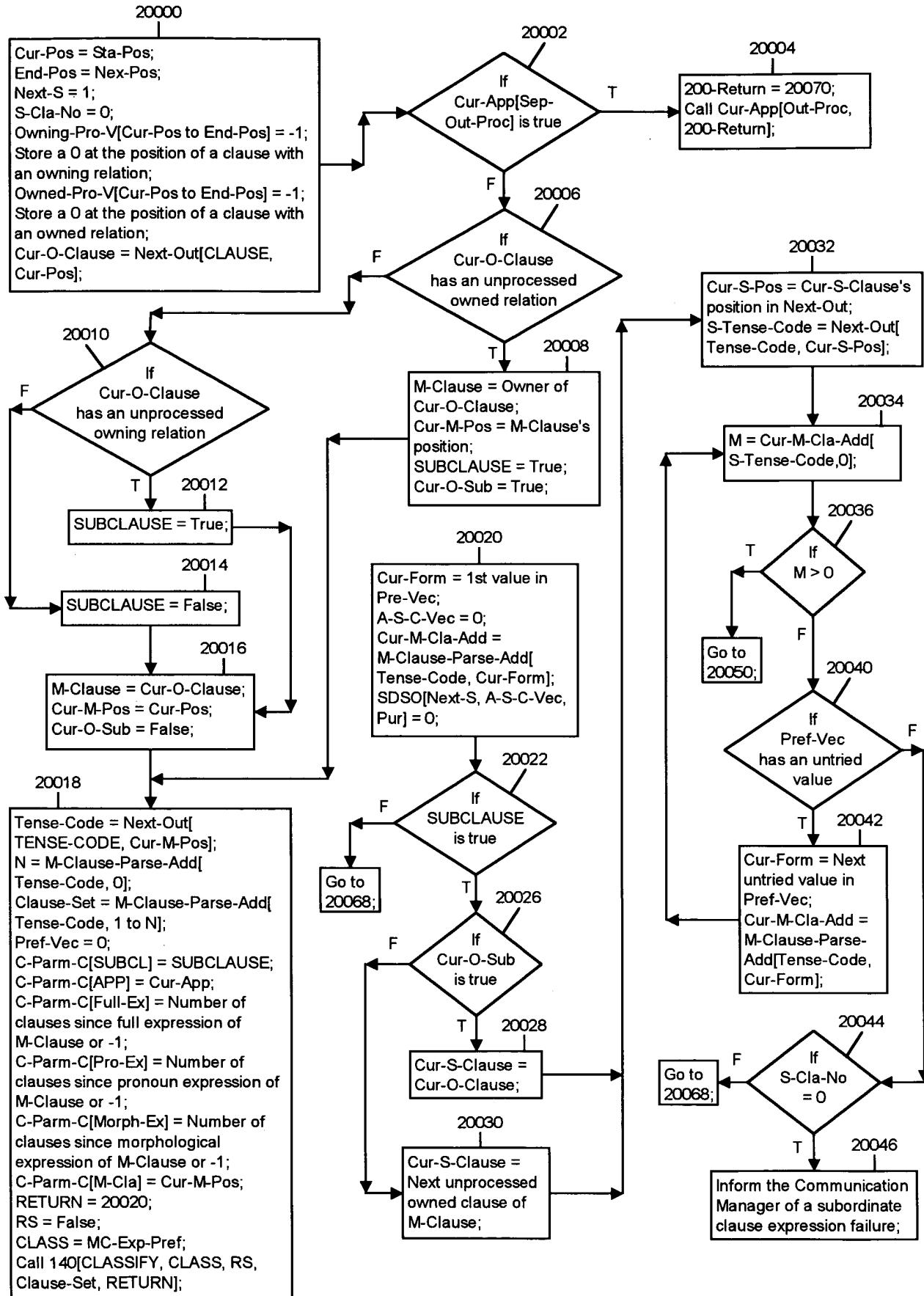


FIG. 24A

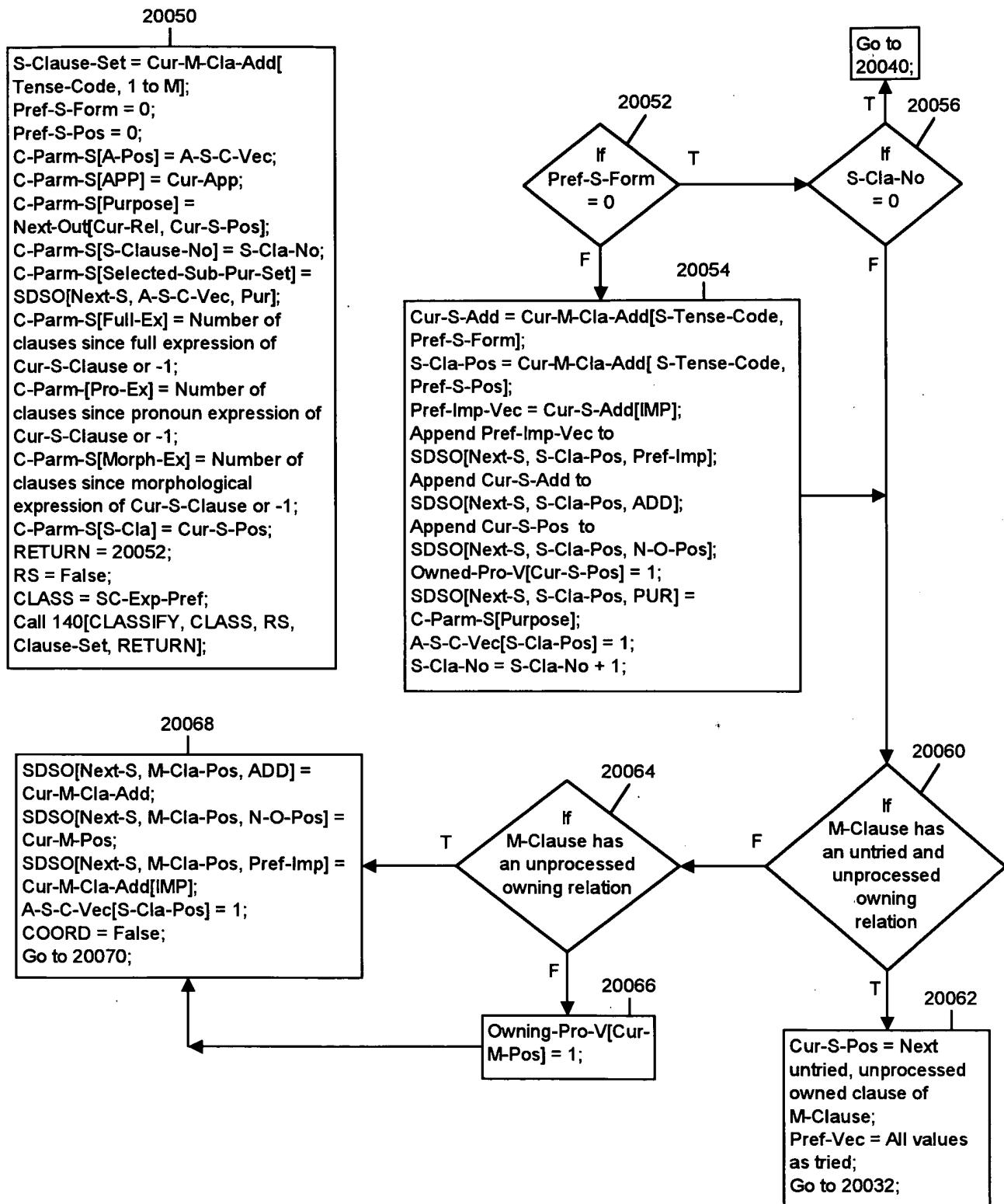


FIG. 24B

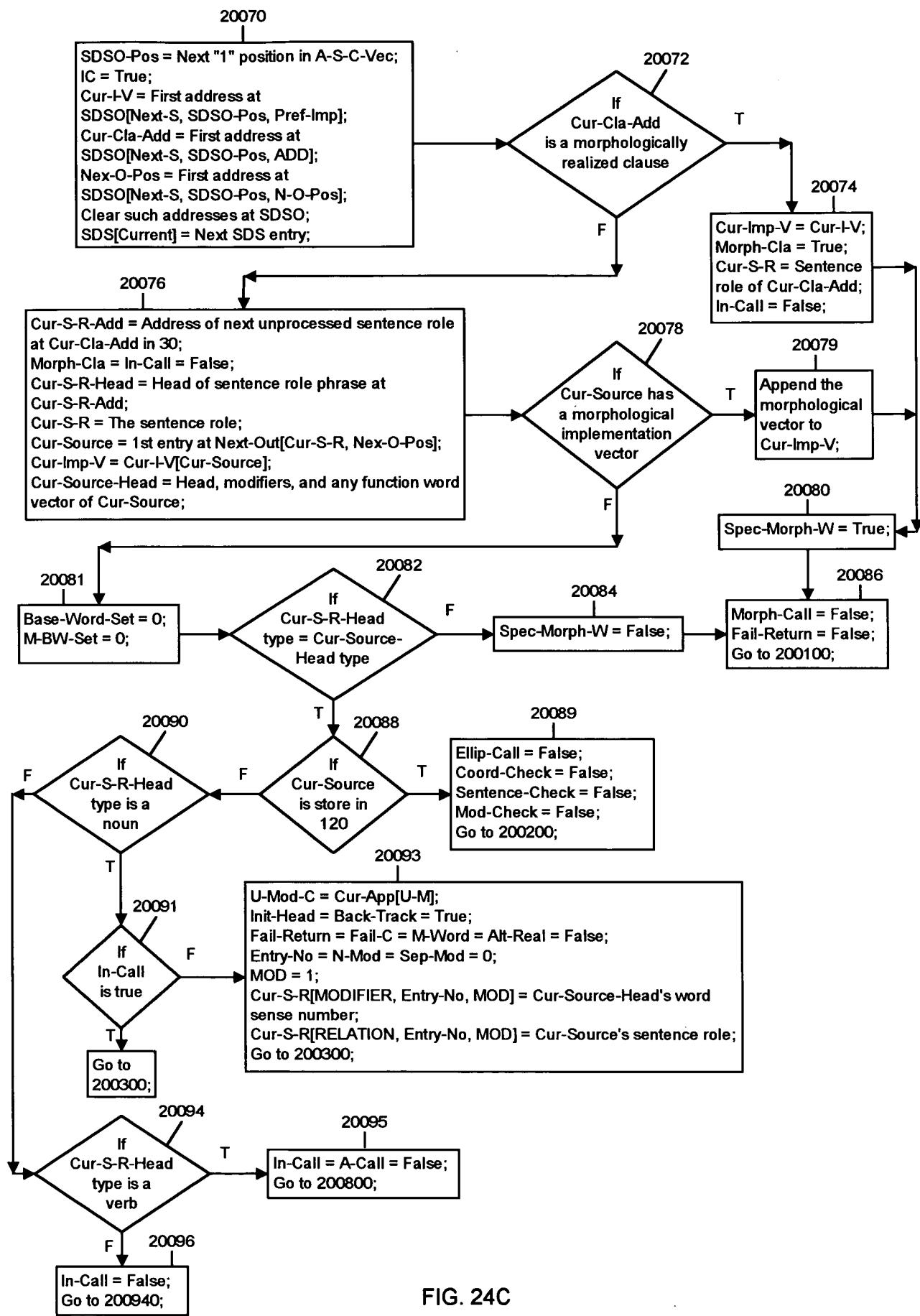


FIG. 24C

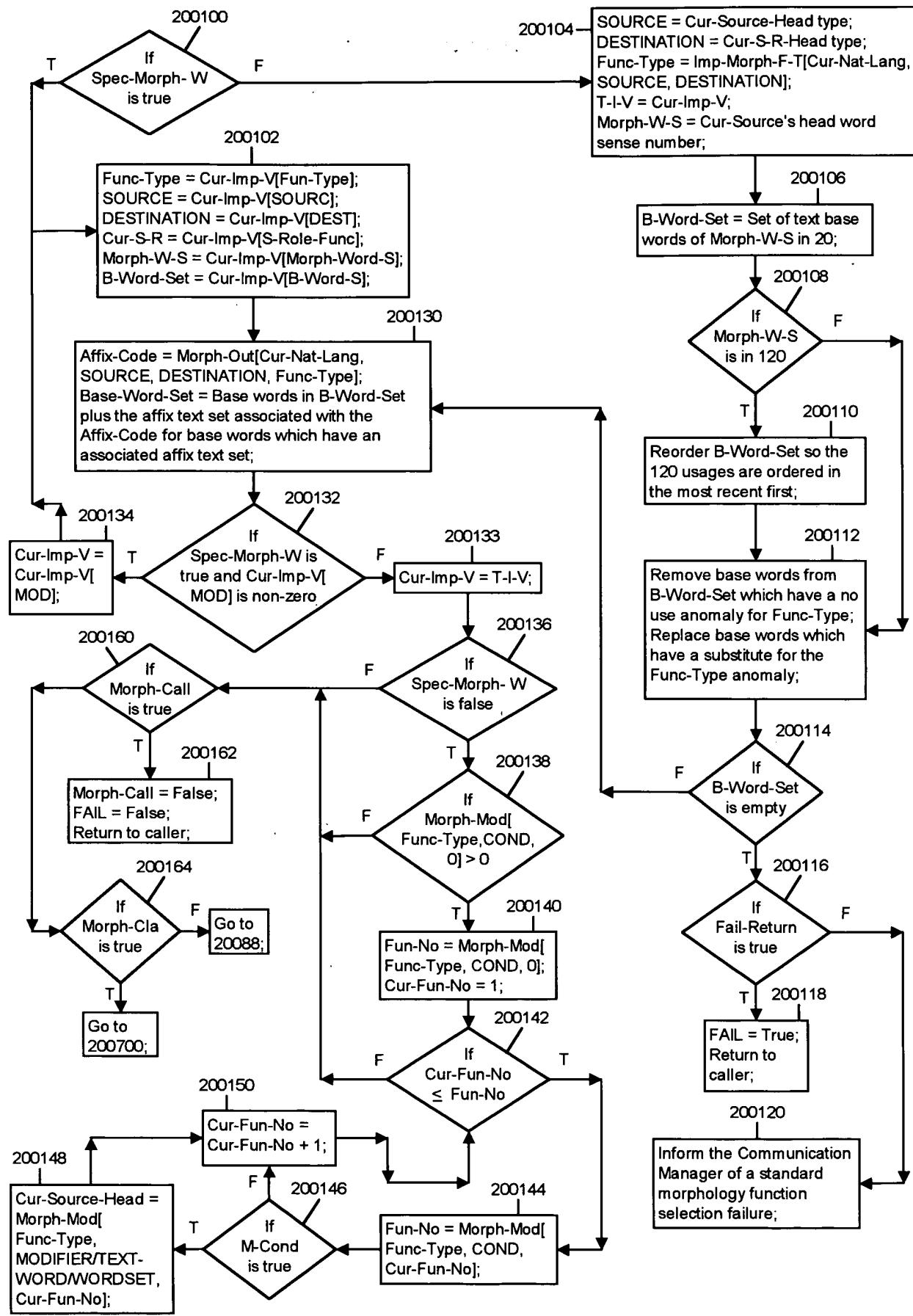


FIG. 24D

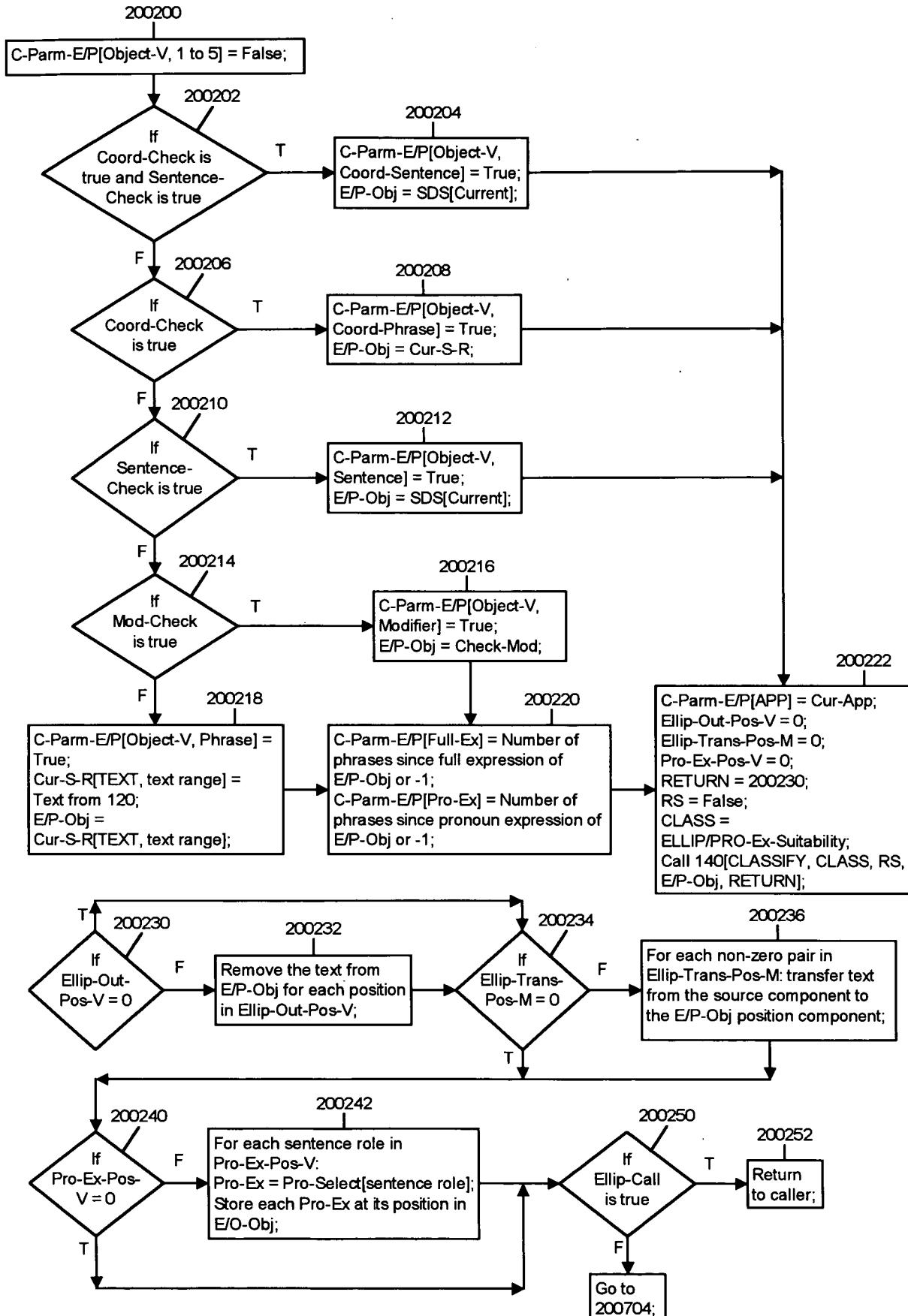


FIG. 24E

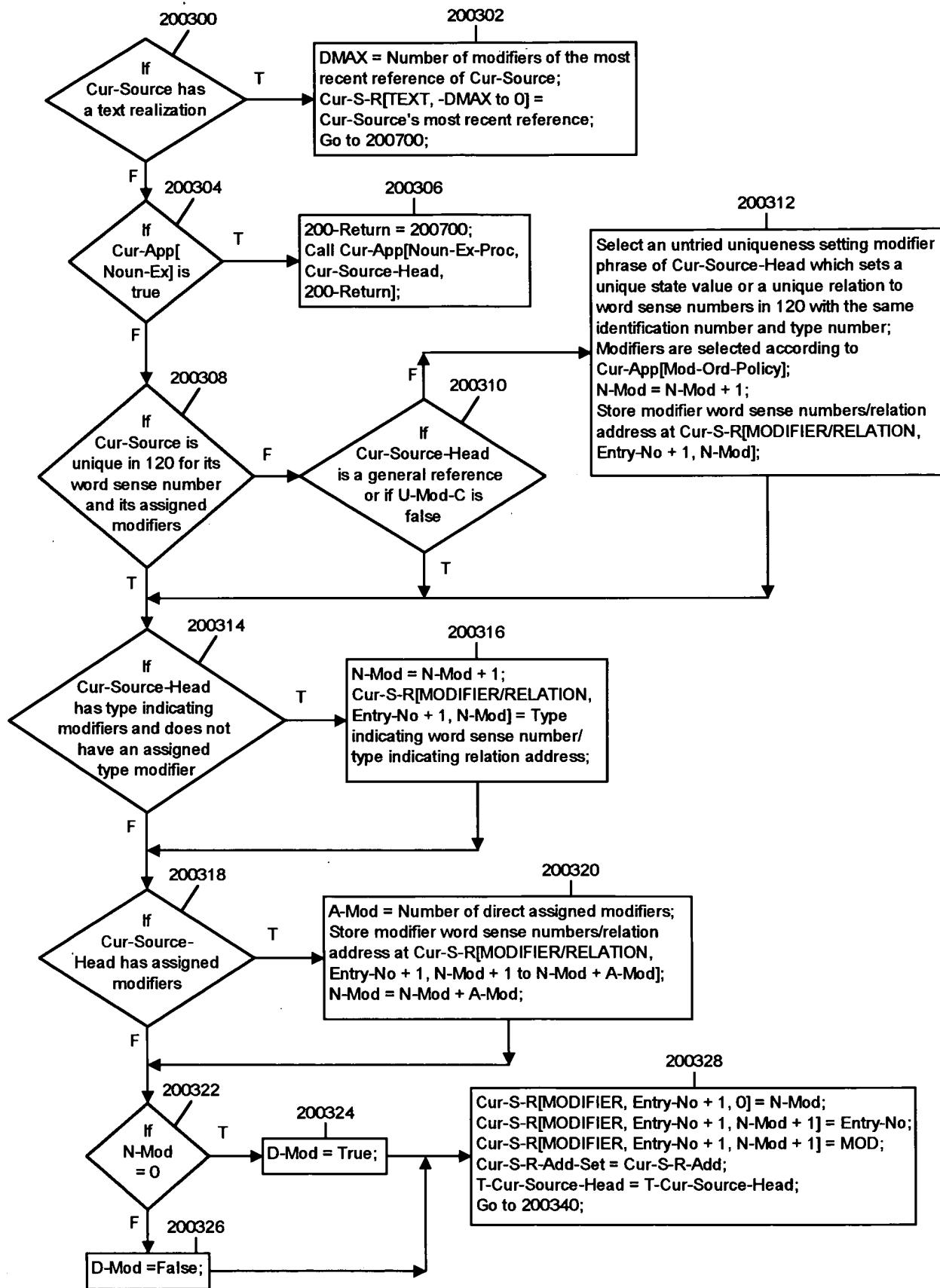


FIG. 24F

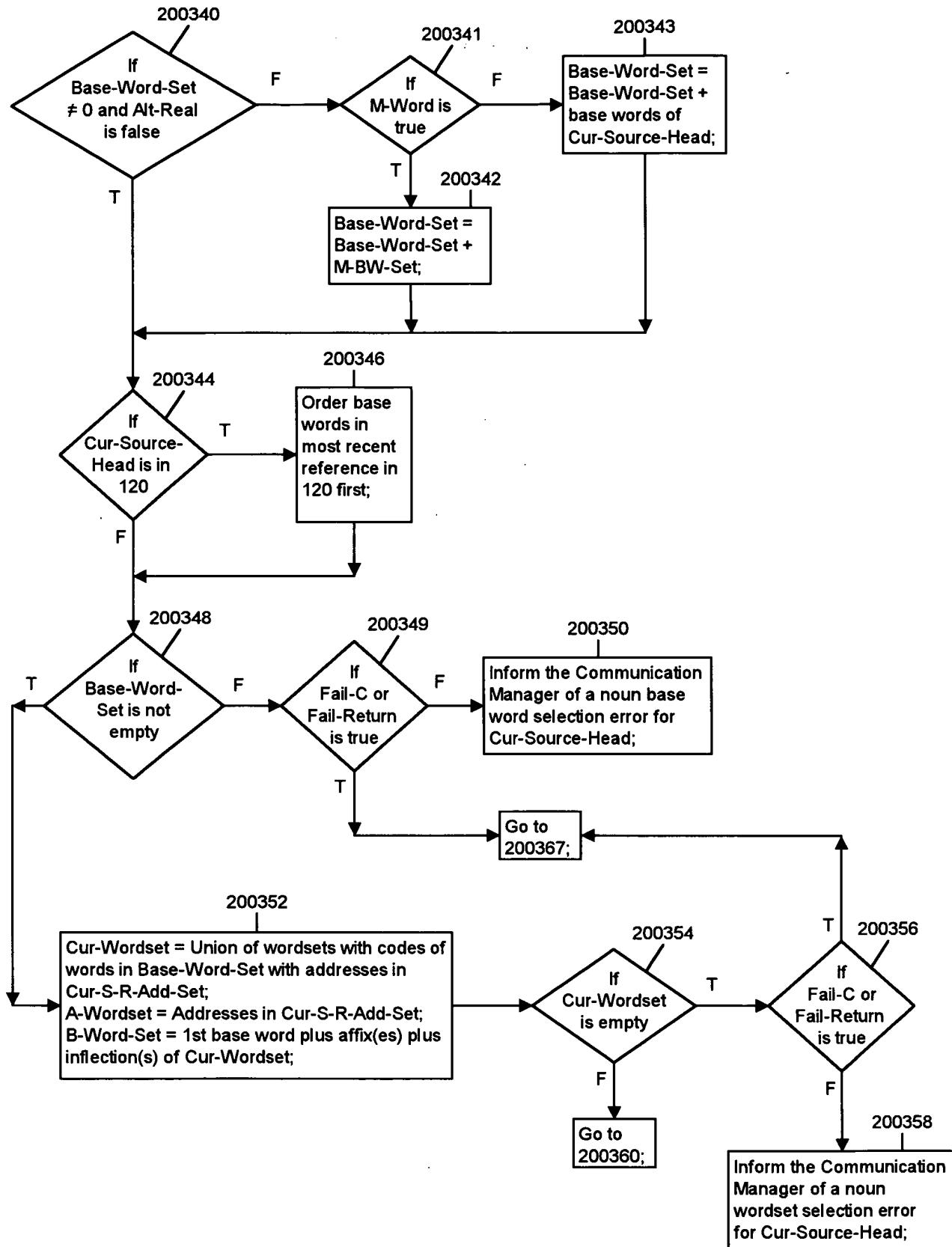


FIG. 24G

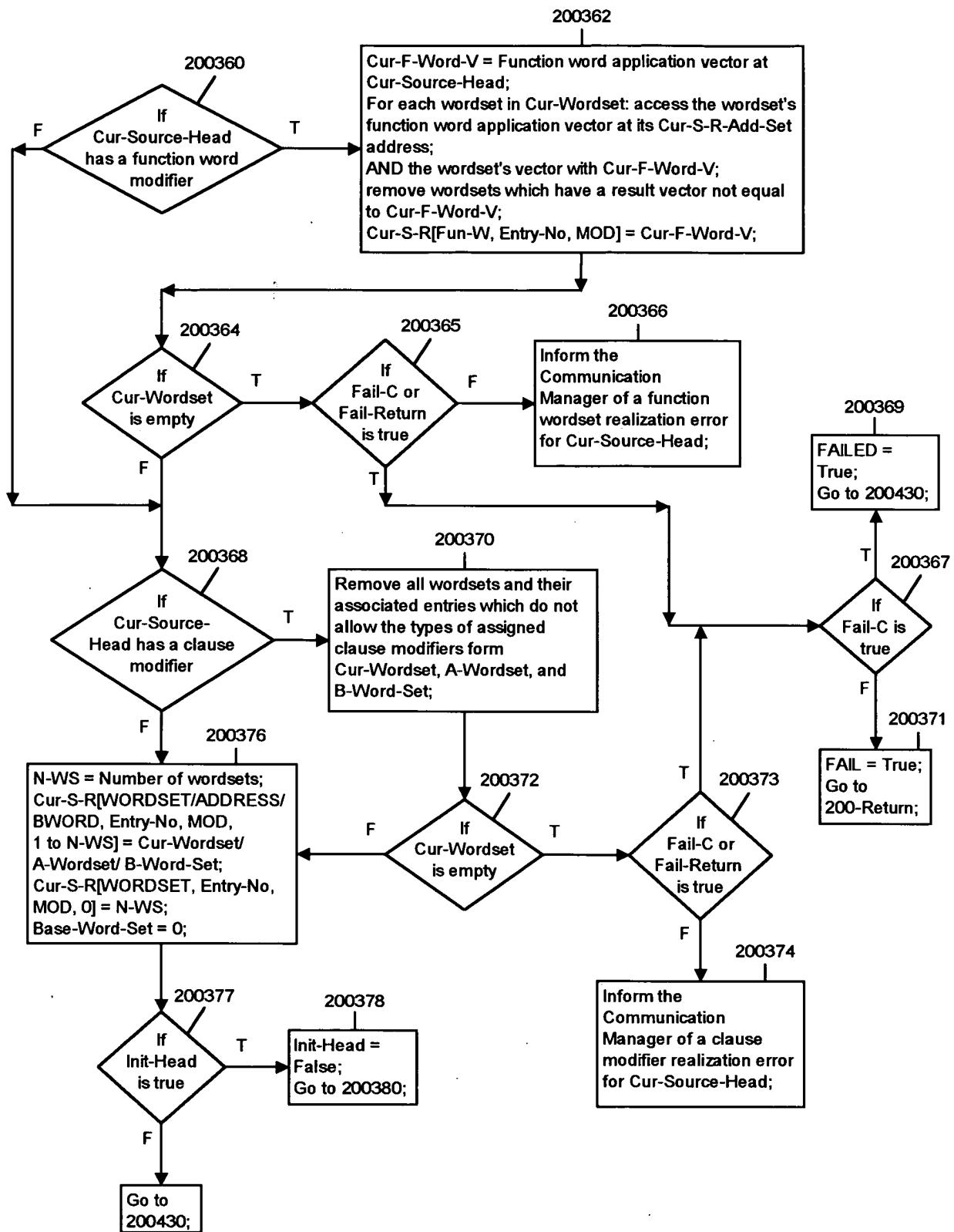


FIG. 24H

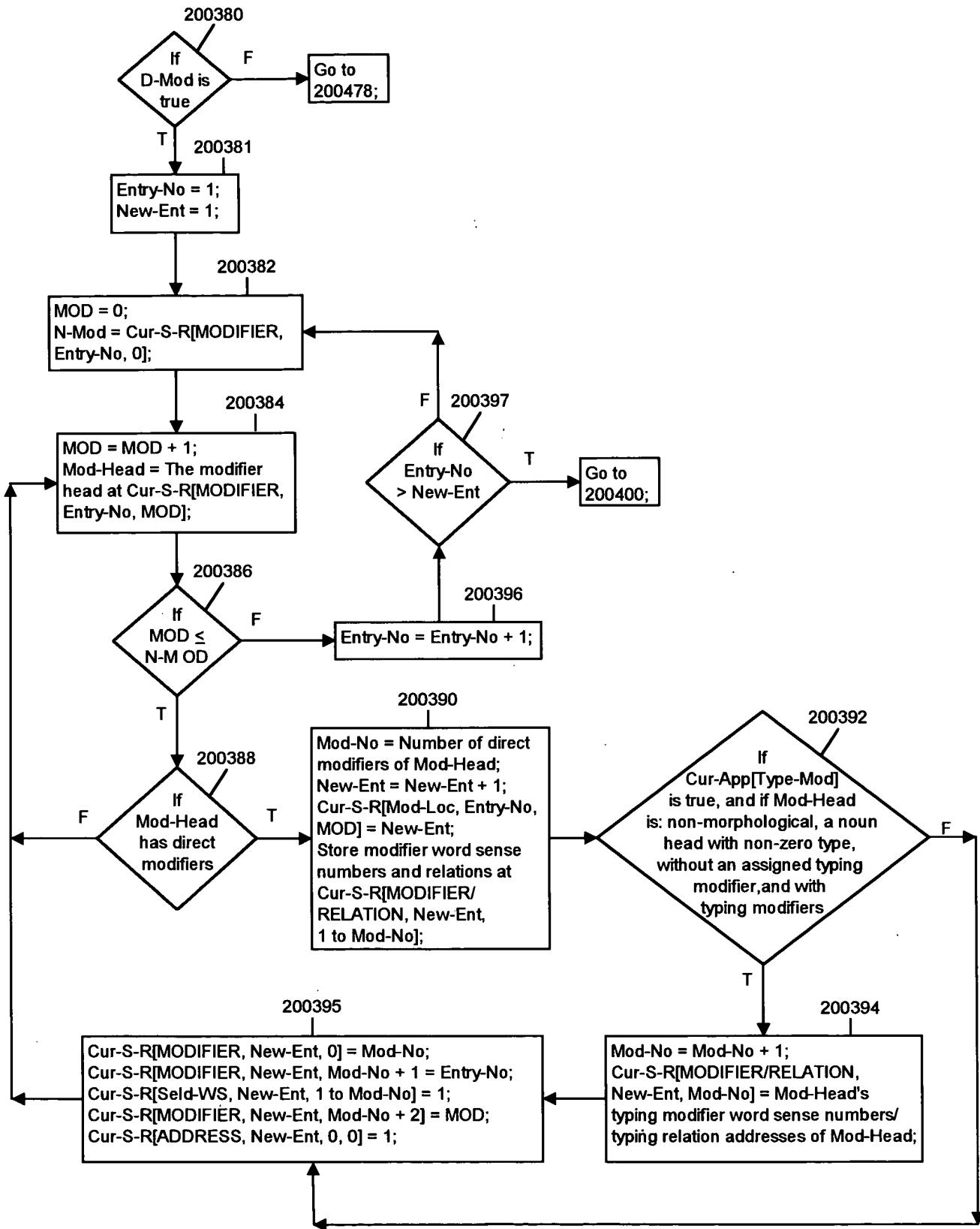


FIG. 24 |

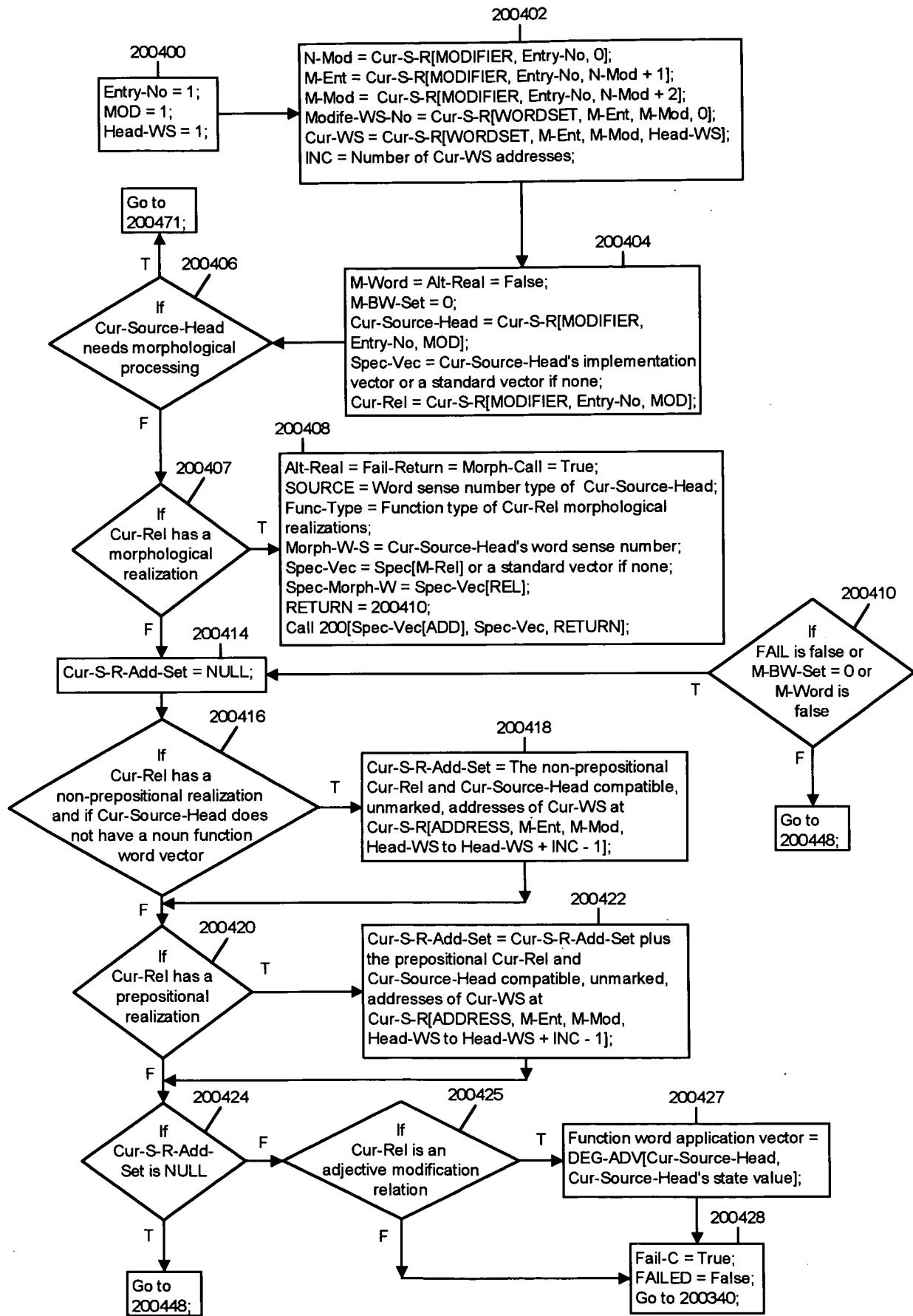


FIG. 24J

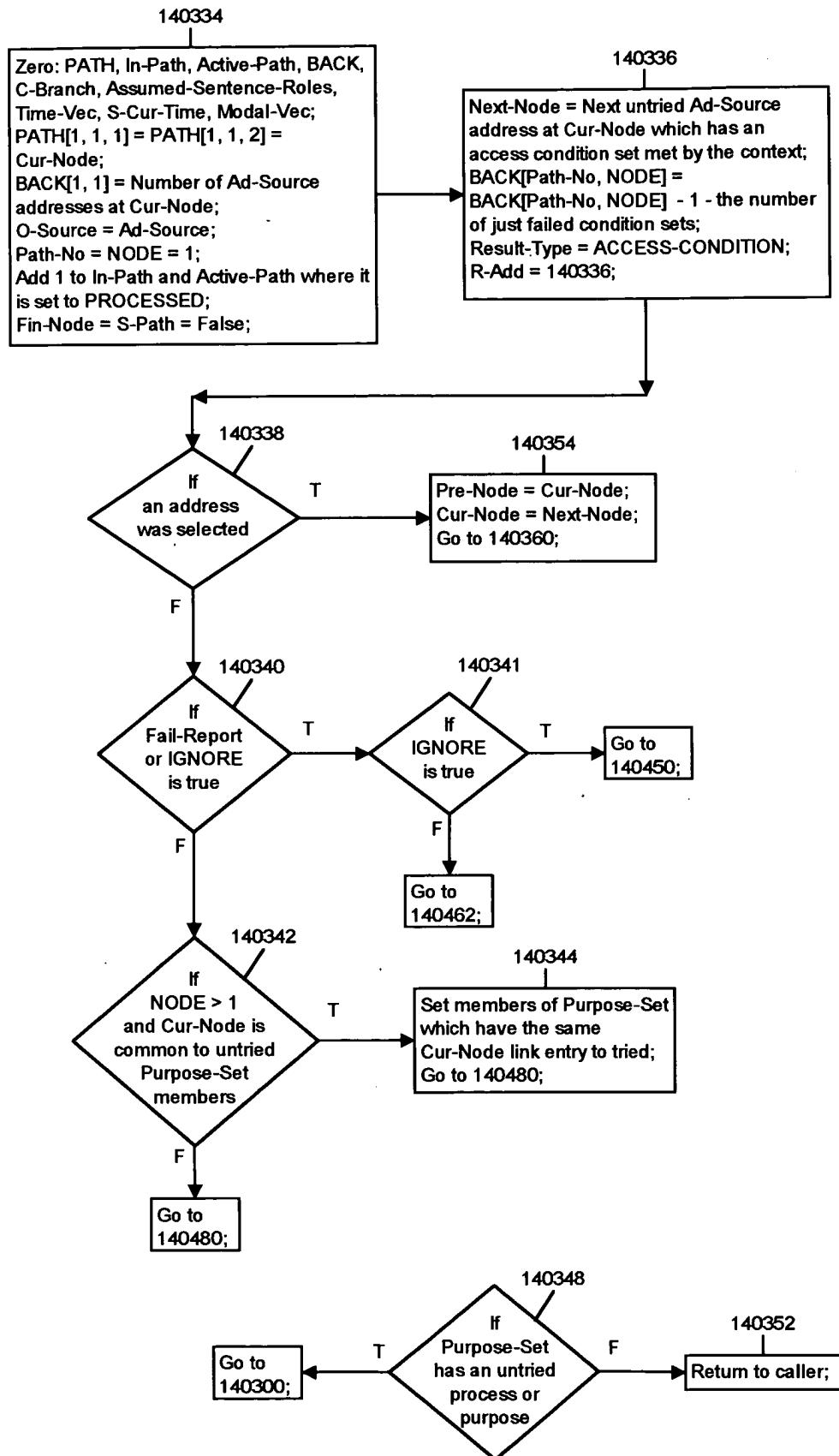


FIG. 21K

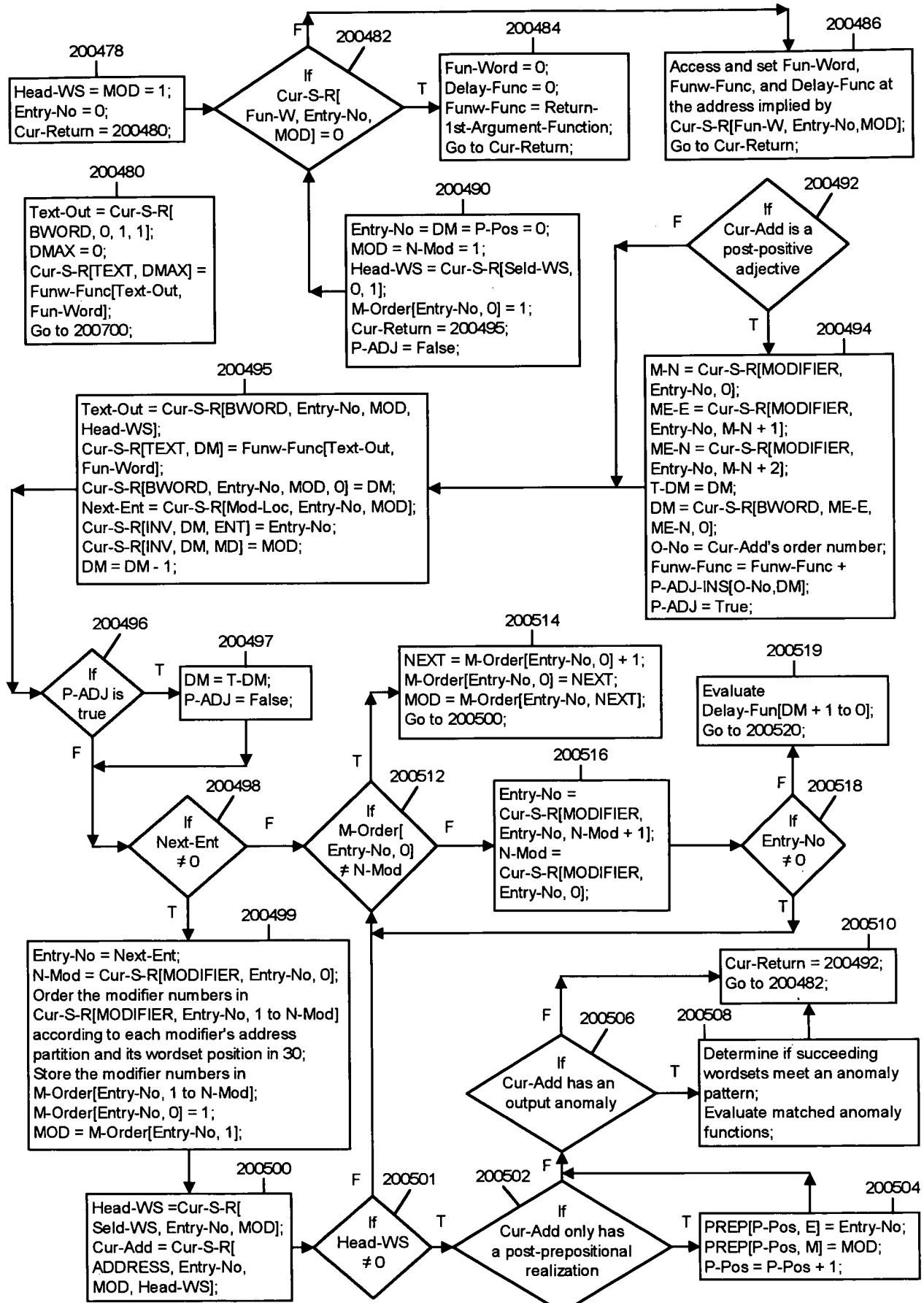


FIG. 24L

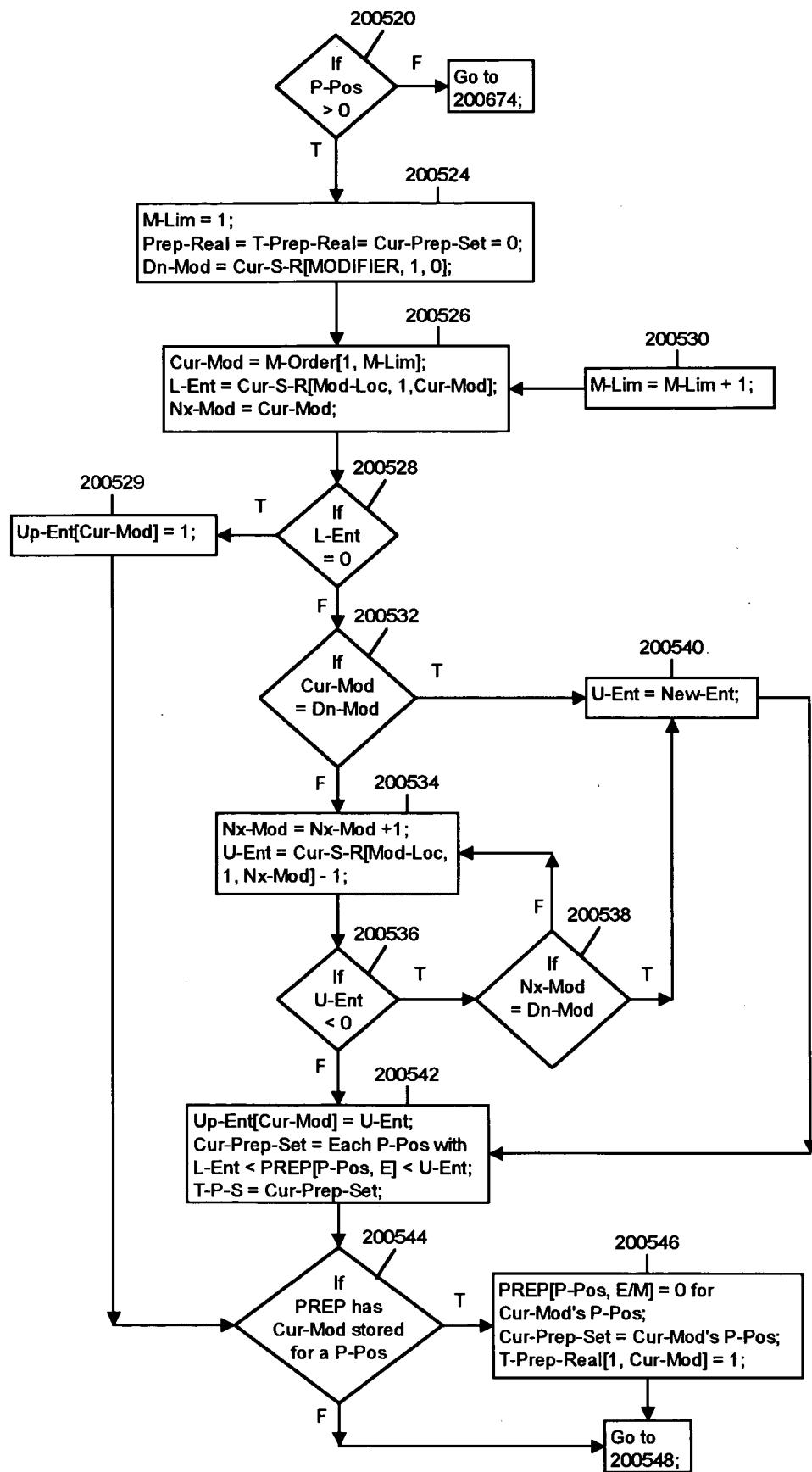


FIG. 24M

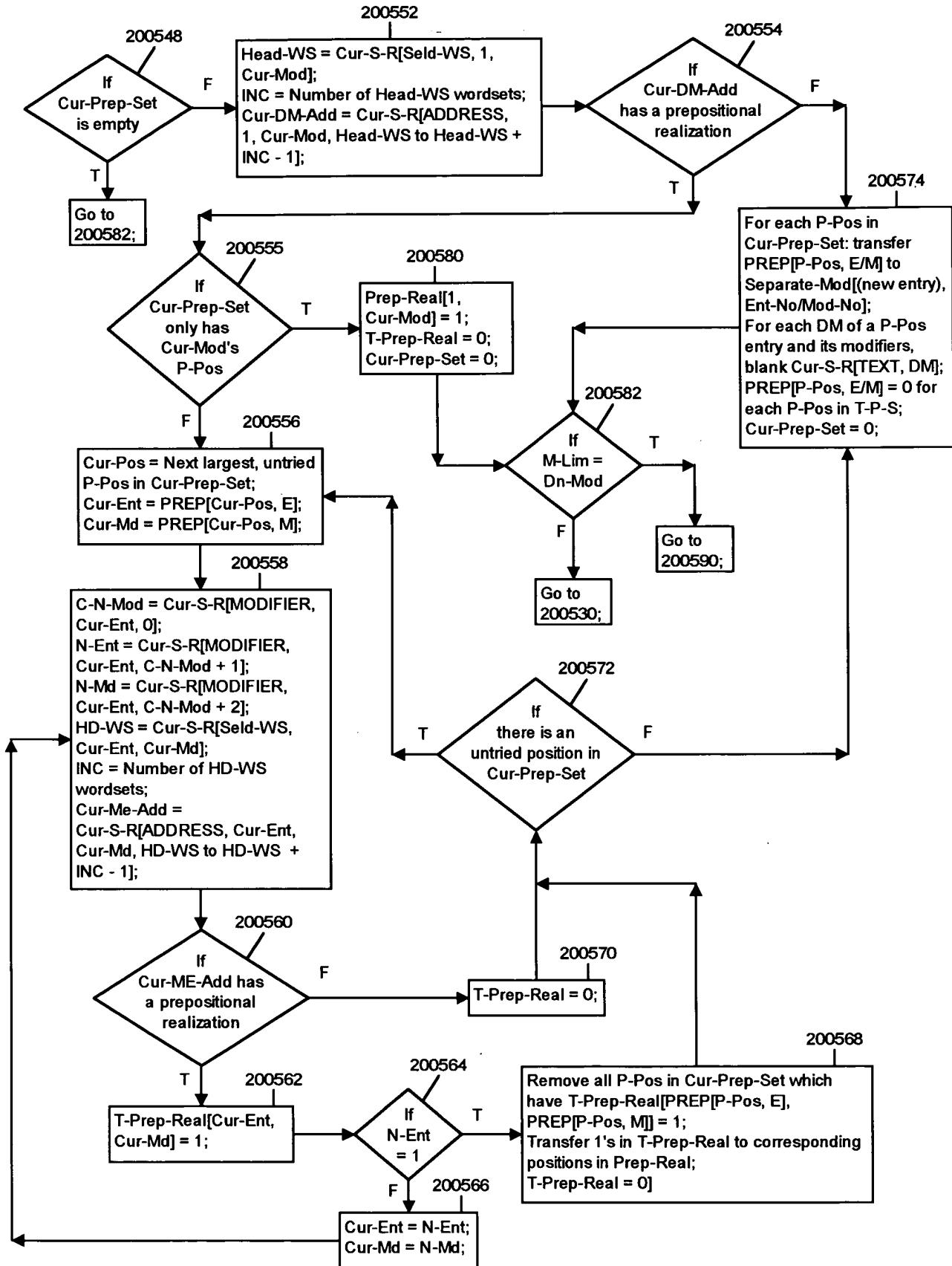


FIG. 24N

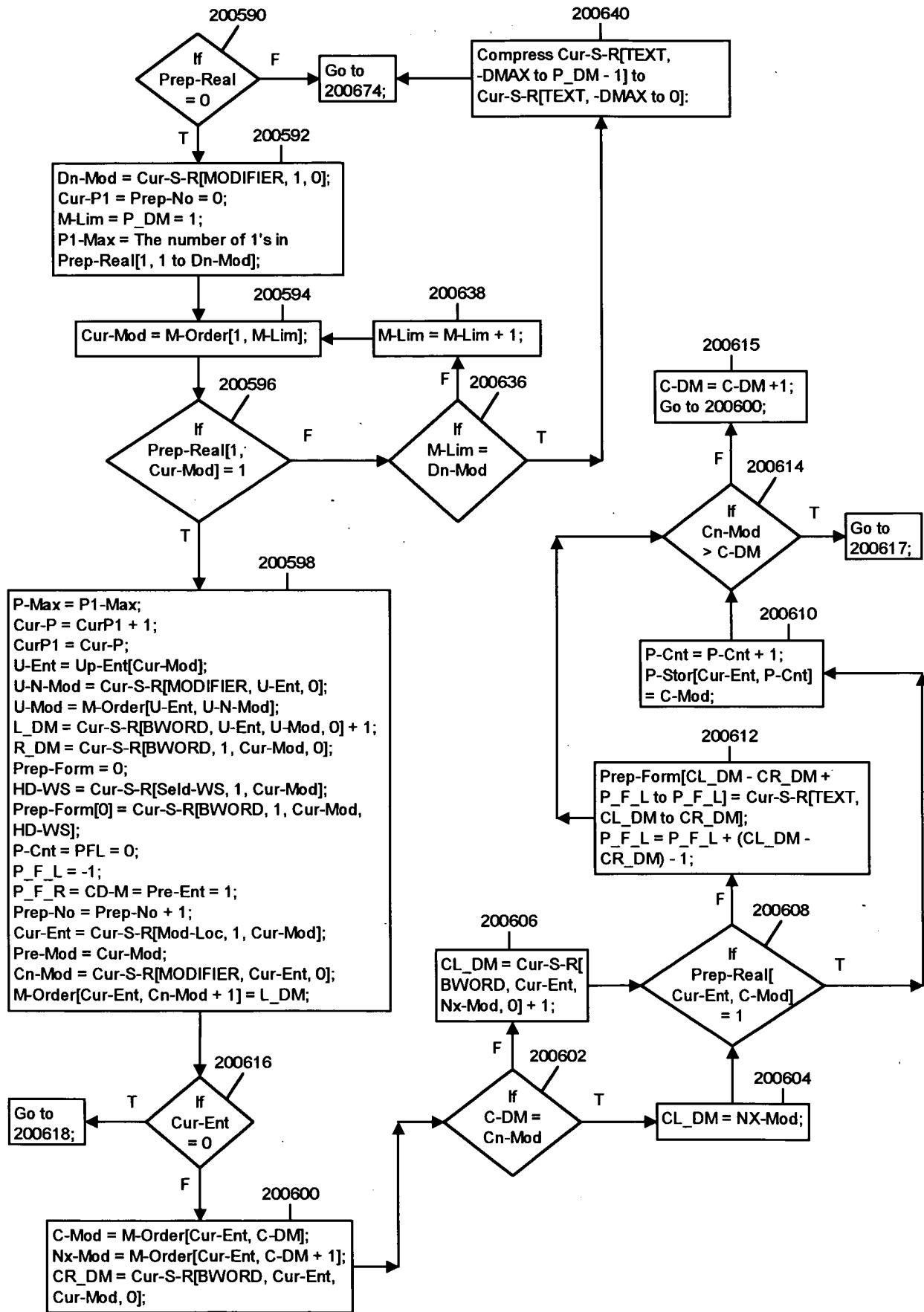


FIG. 240

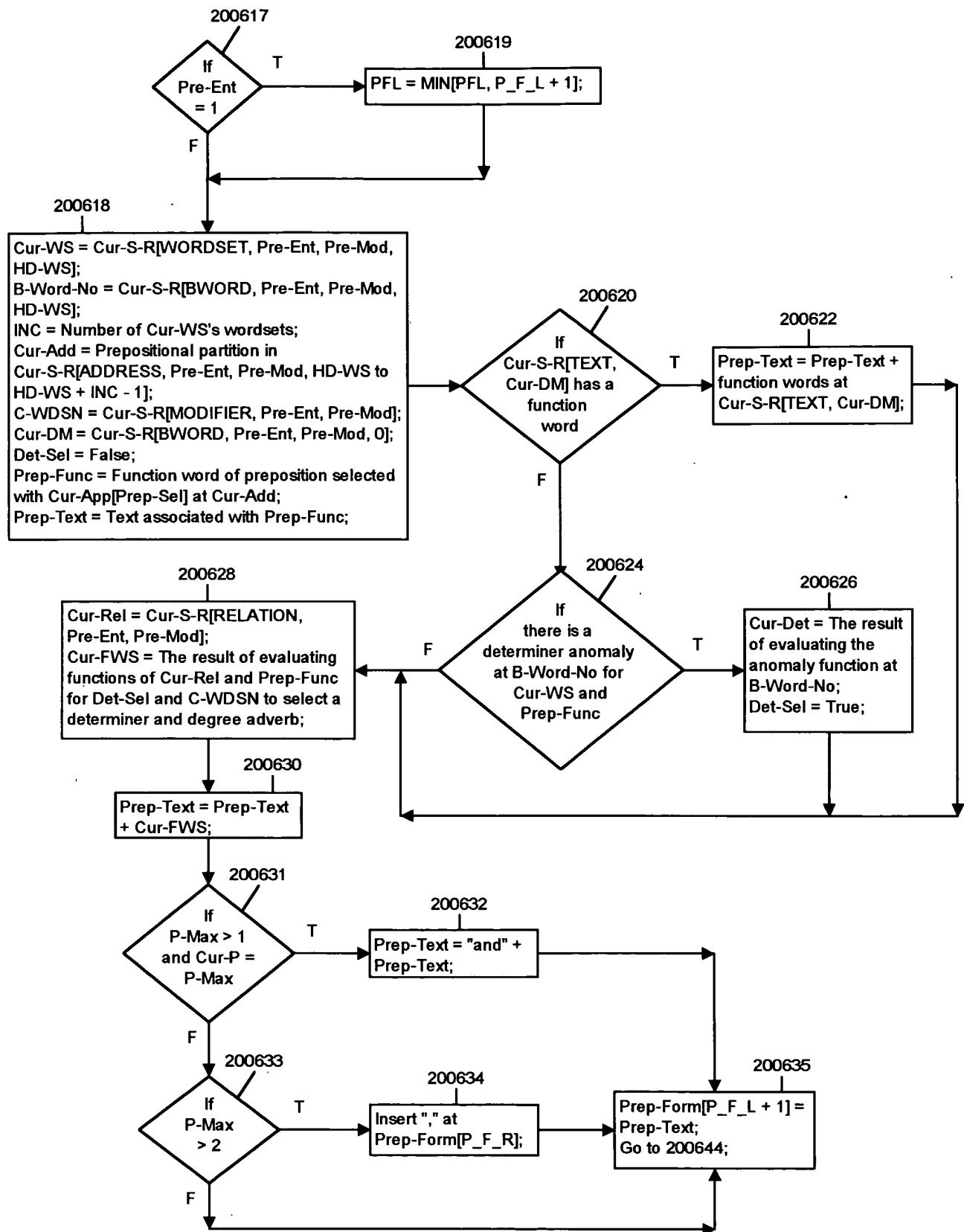


FIG. 24P

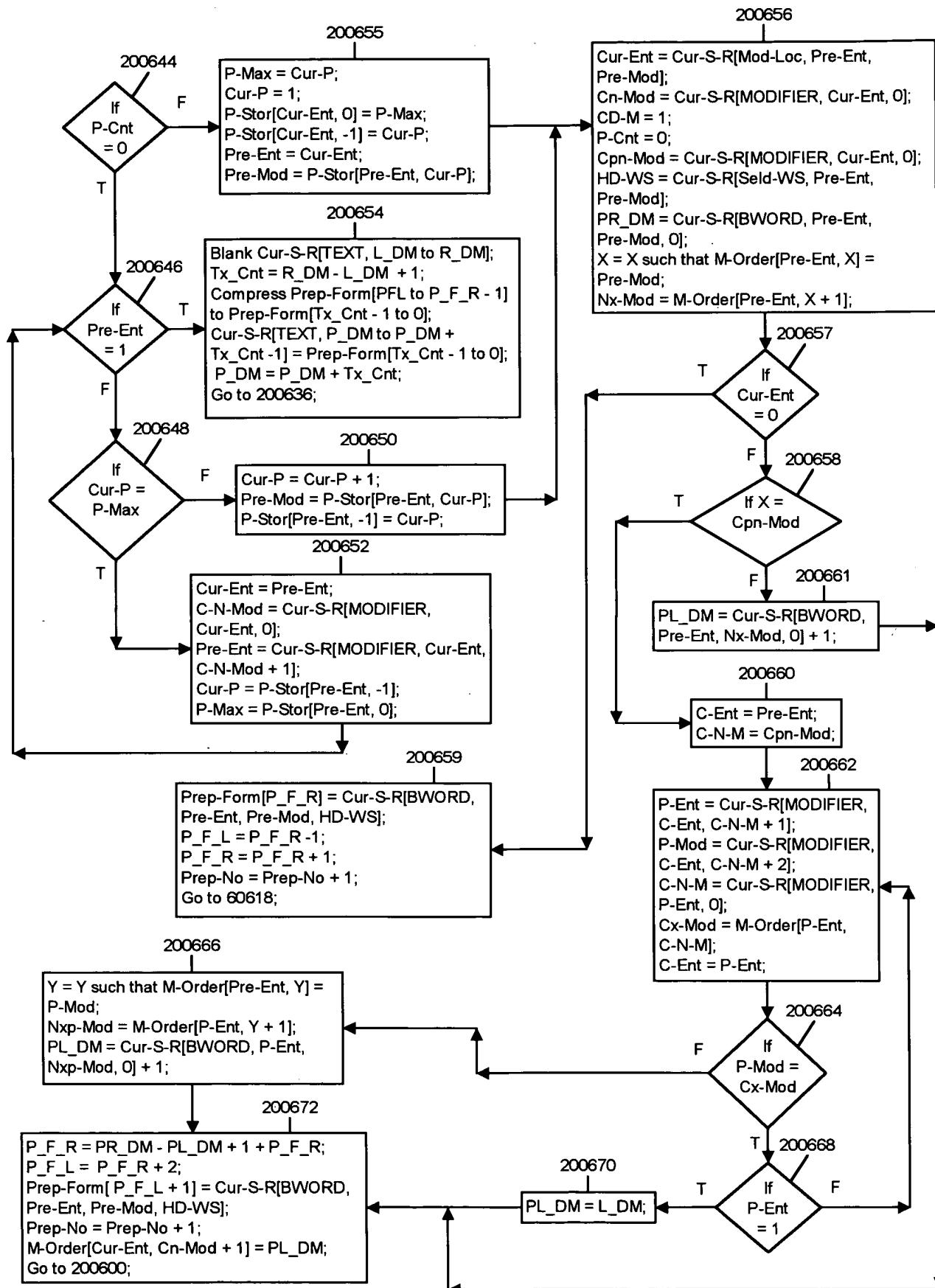


FIG. 24Q

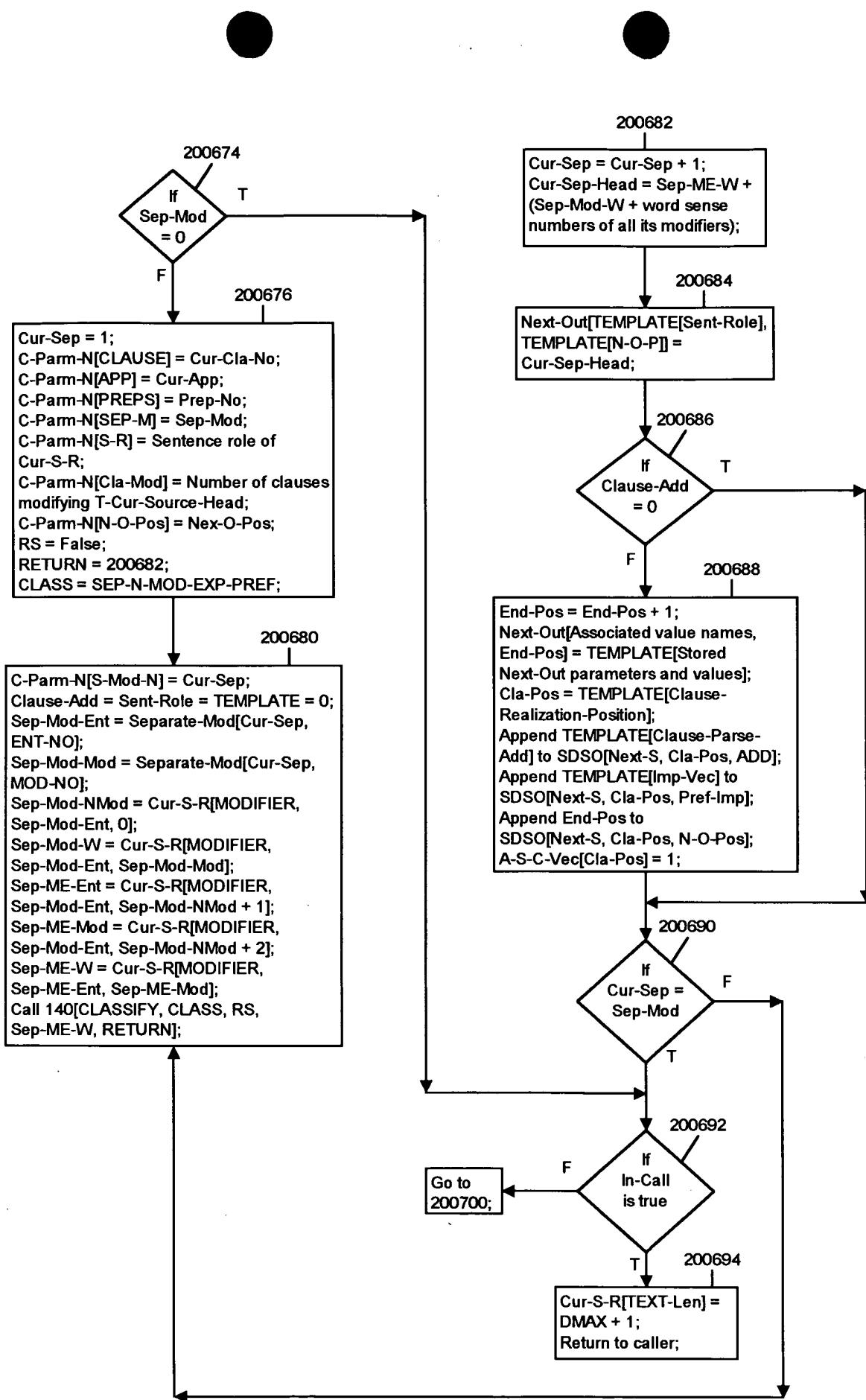


FIG. 24R

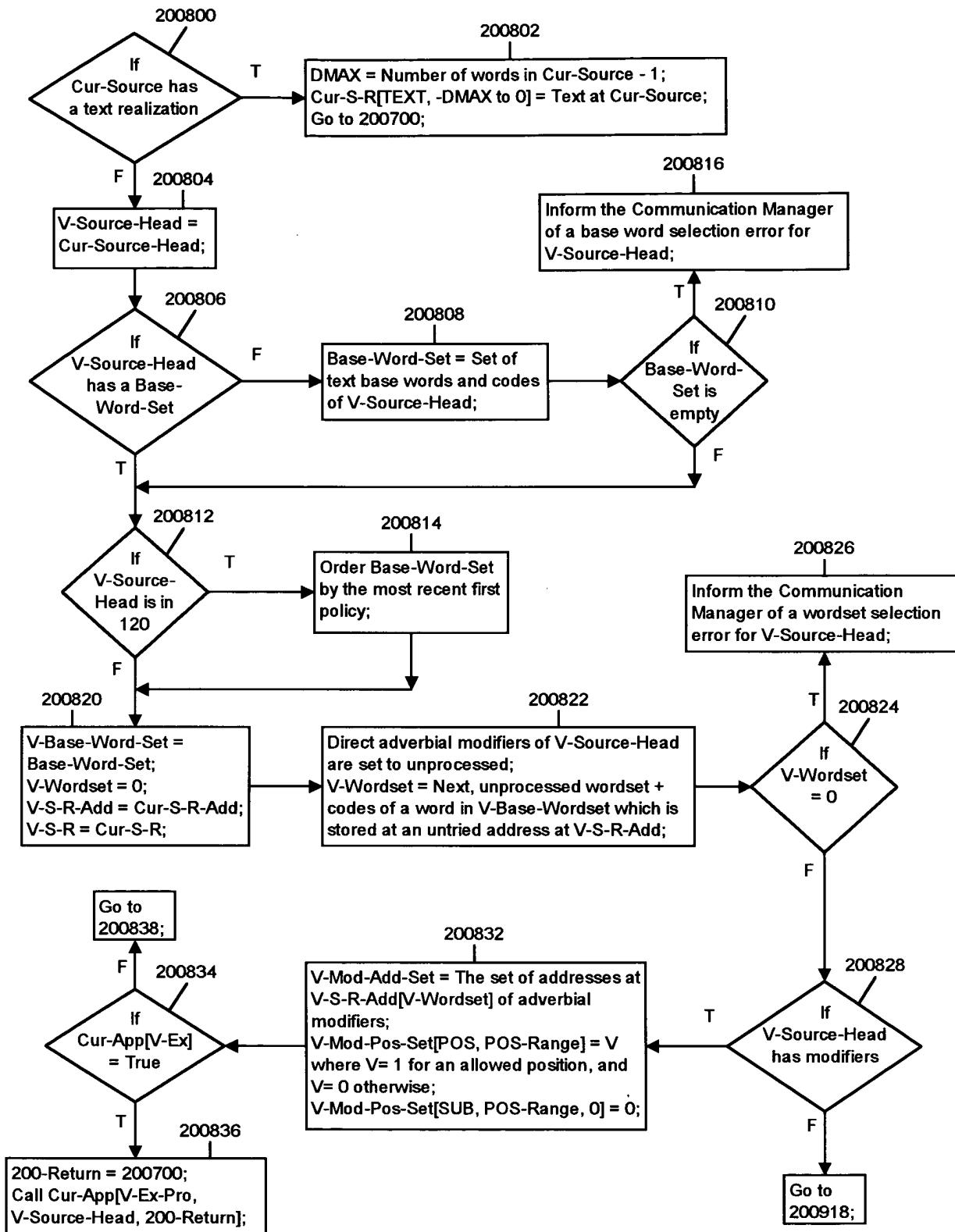


FIG. 24S

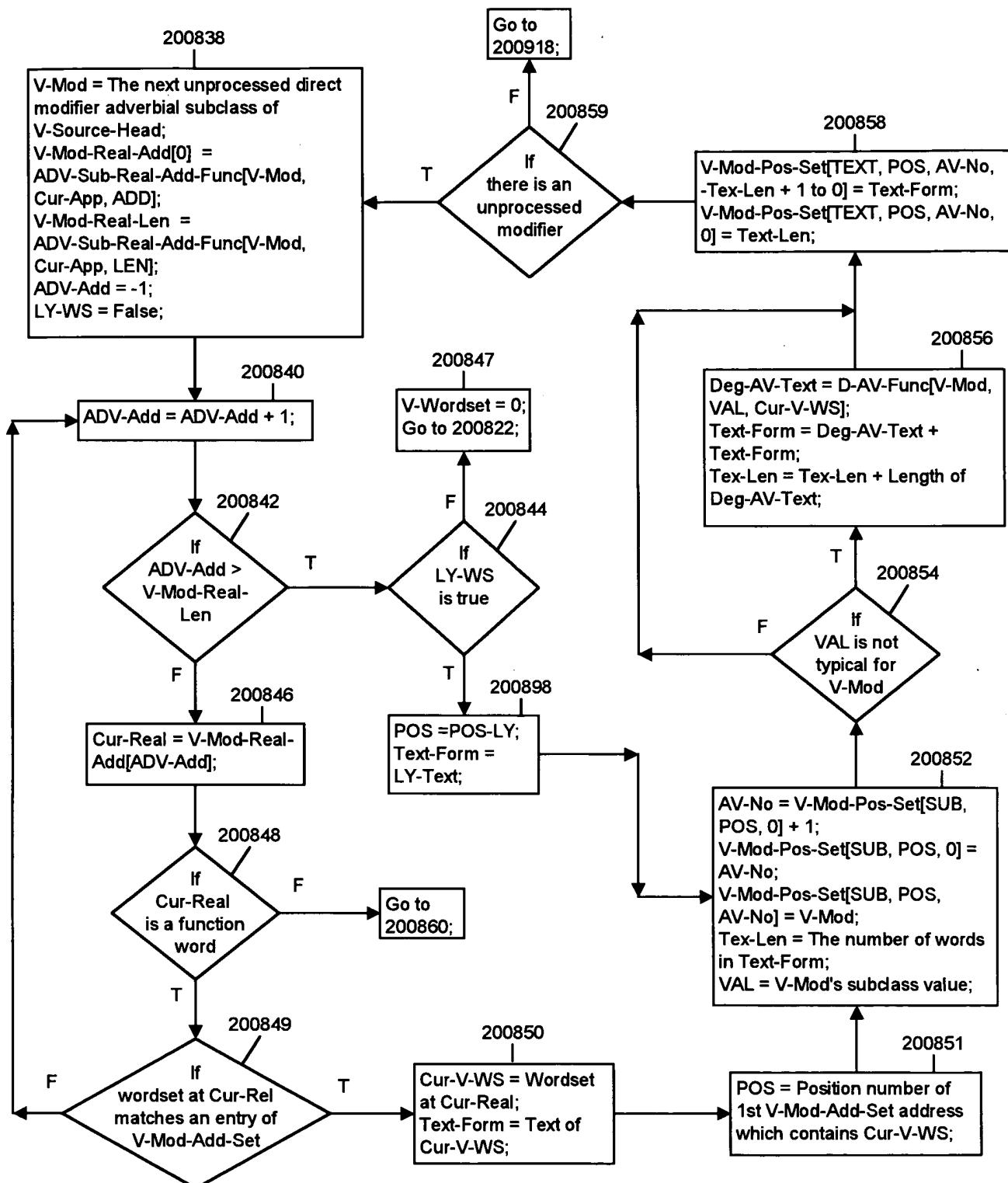


FIG. 24T

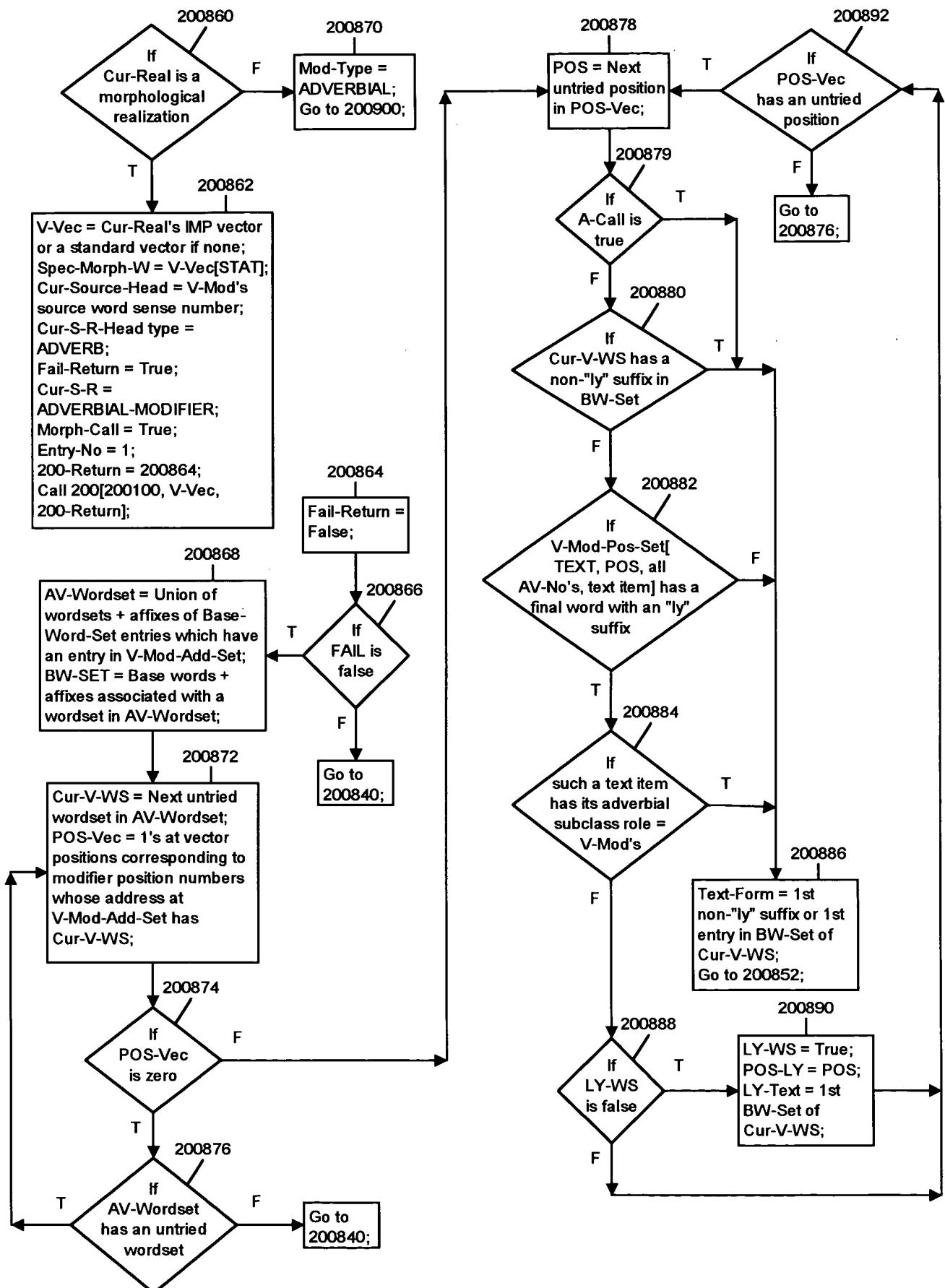


FIG. 24U

05521580 - 0002700

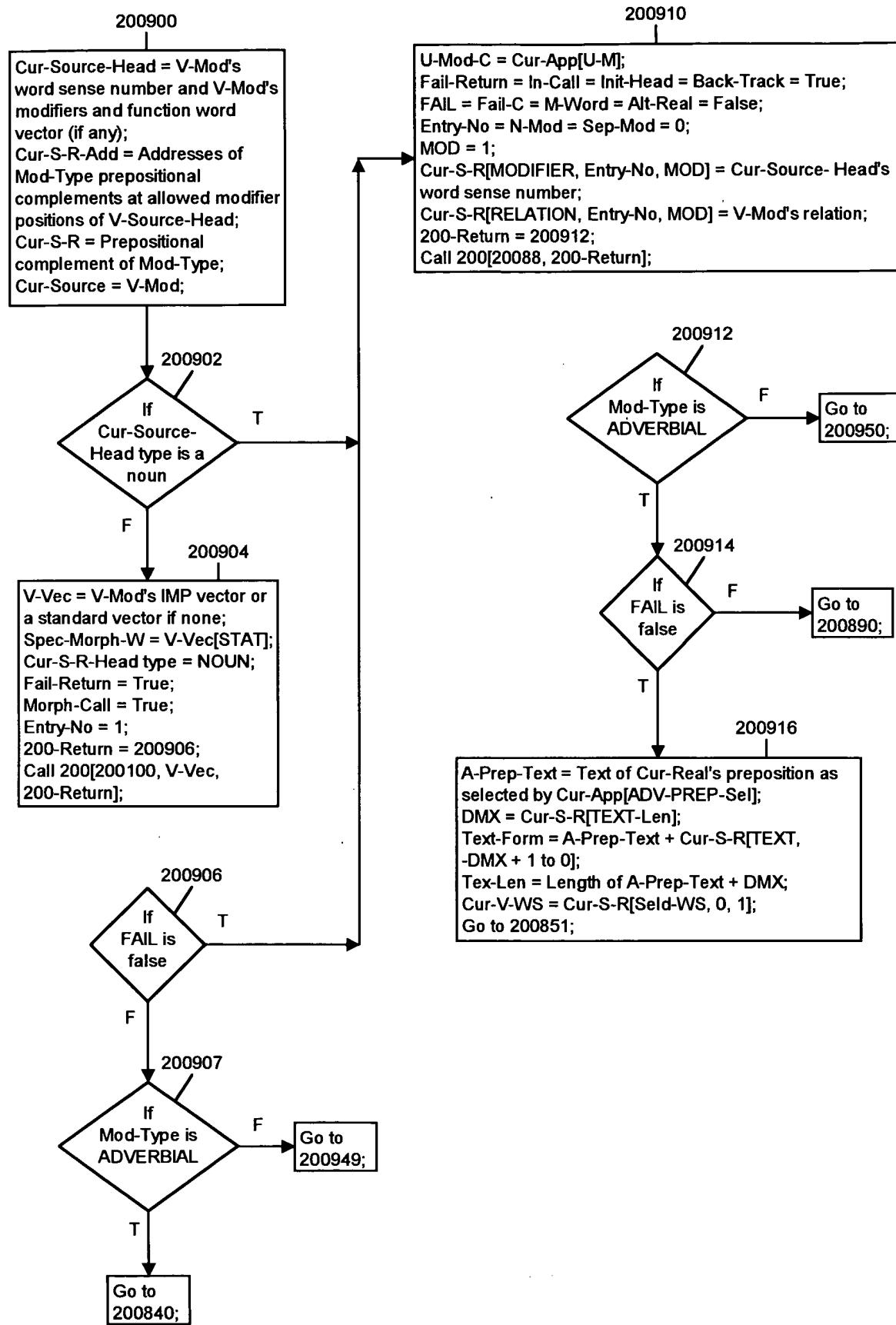


FIG. 24V

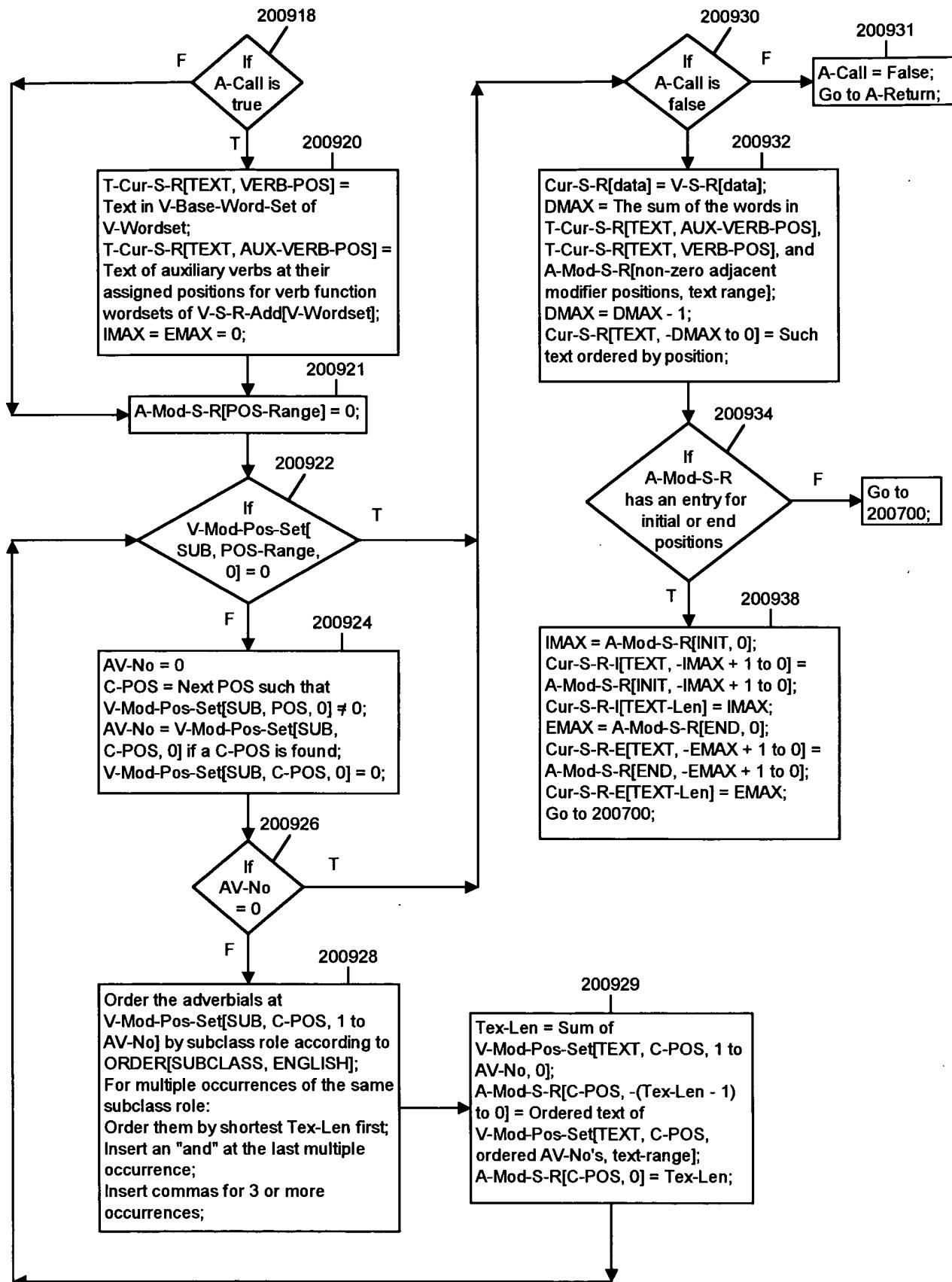


FIG. 24W

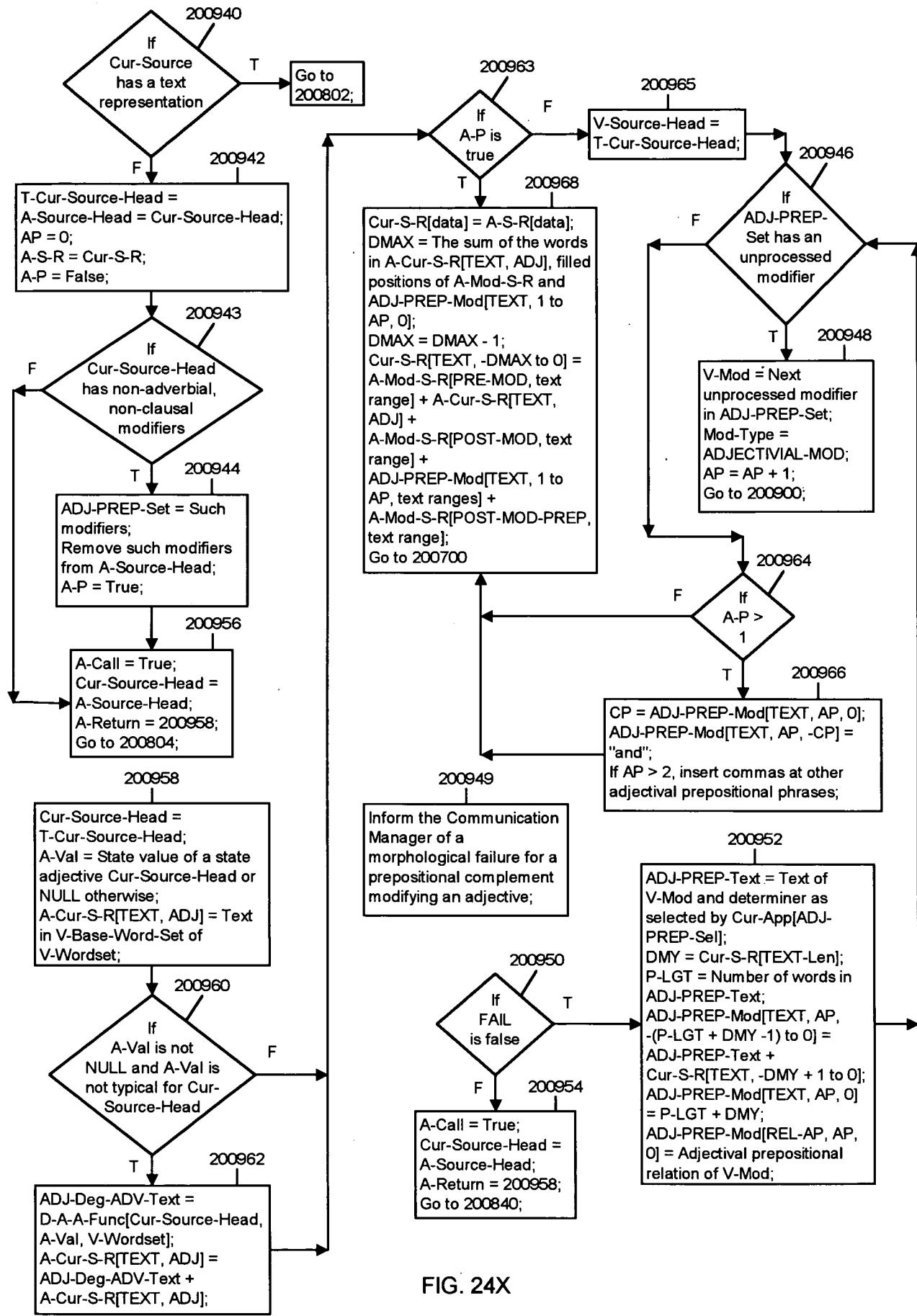


FIG. 24X

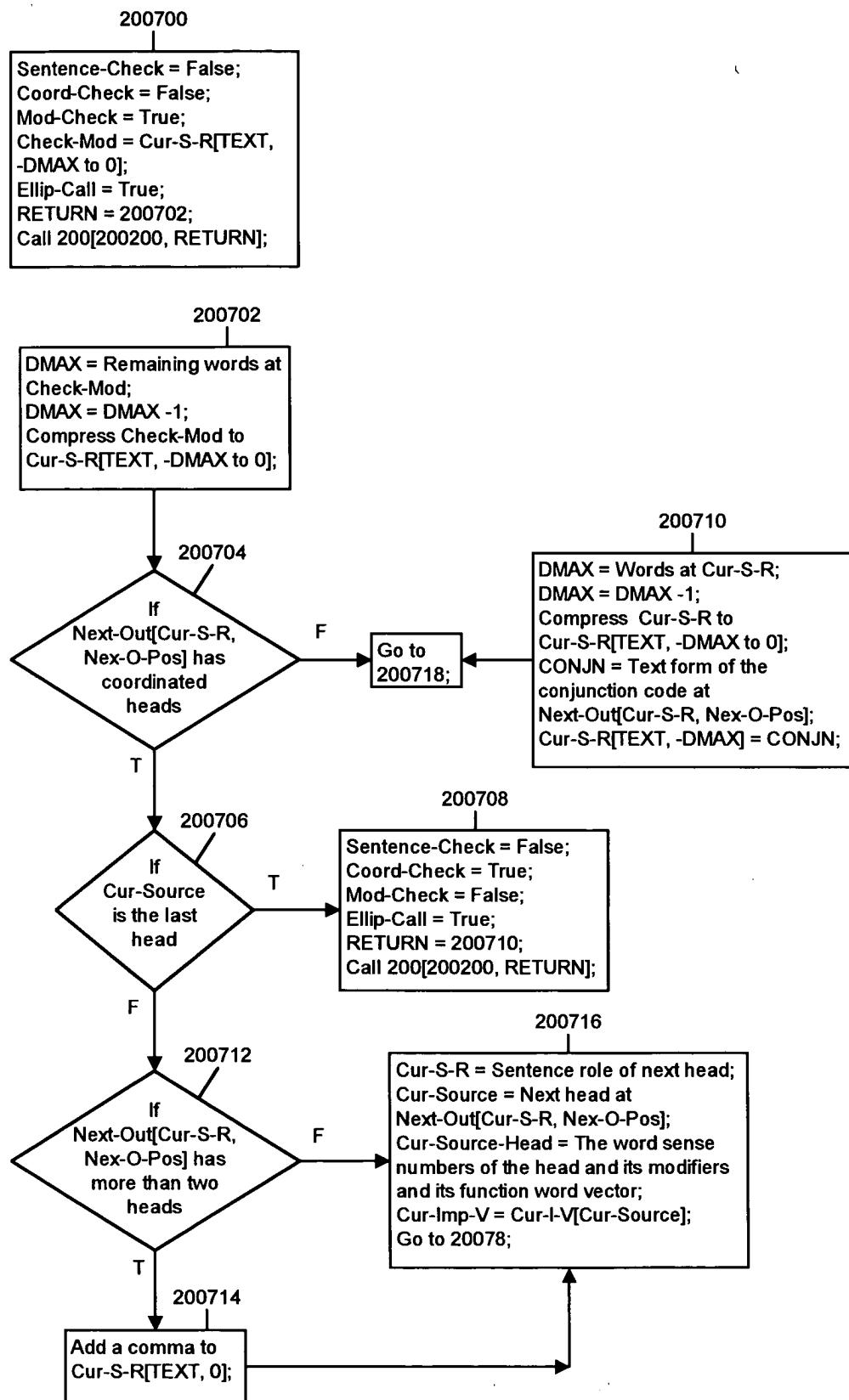


FIG. 24Y

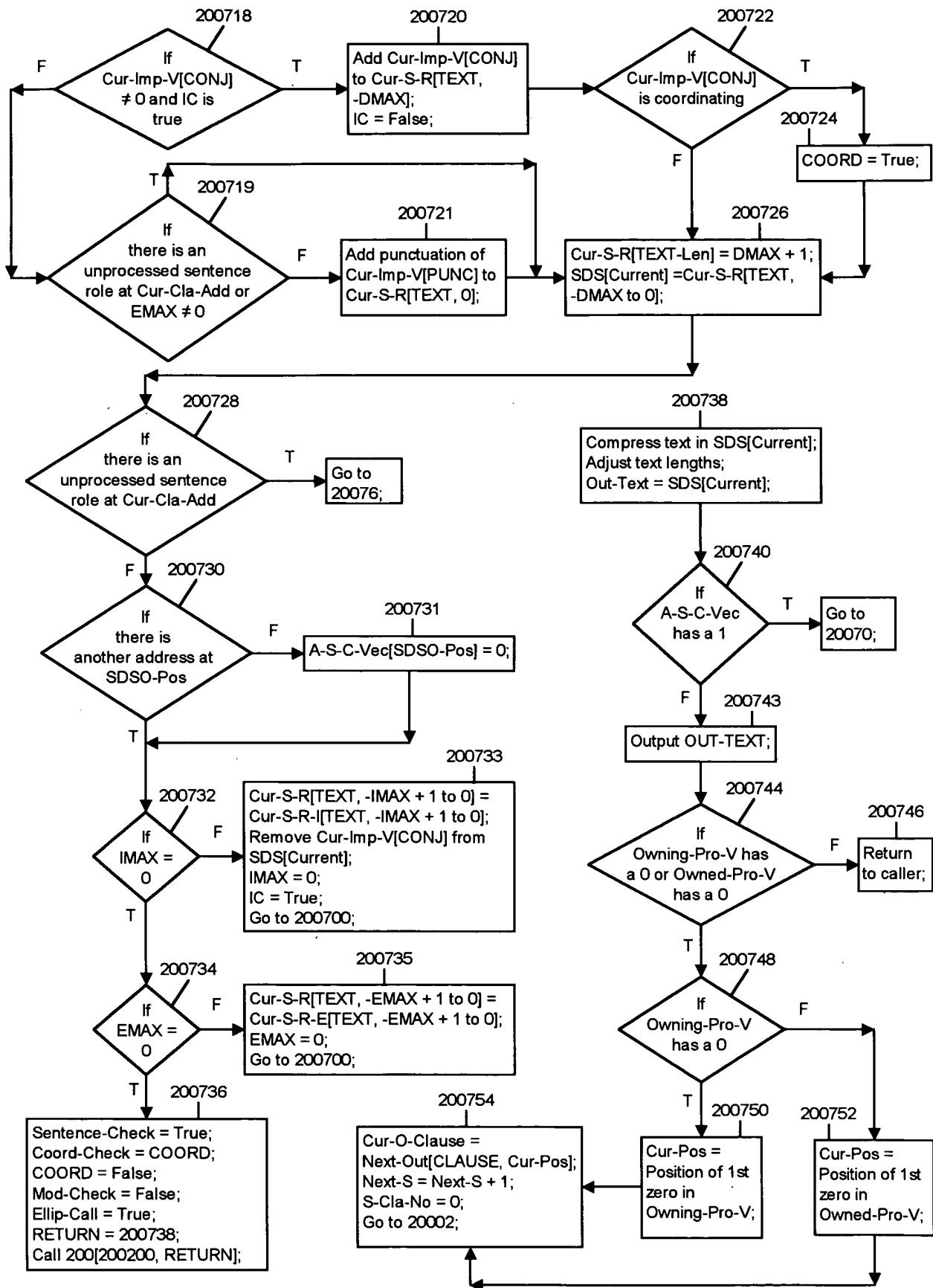


FIG. 24Z